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FORTY-SIXTH

Coal Report of Illinois

1927

LEN SMALL, Governor



DEPARTMENT OF MINES
AND MINERALS

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LETTER OF TRANSMITTAL

STATE OF ILLINOIS,
DEPARTMENT OF MINES AND MINERALS,
SPRINGFIELD, ILL., July 1, 1928.

Honorable LEN SMALL, Governor of Illinois.

SIR: I have the honor to submit herewith the Forty-sixth Annual Coal Report of the State for the year ended December 31, 1927, together with the reports of other divisions of the Department of Mines and Minerals.

Respectfully submitted,
A. D. LEWIS, *Director.*



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LEN SMALL
Governor

DEPARTMENT OF MINES AND MINERALS

A. D. LEWIS, *Director*

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*Now deceased

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Springfield Station, JAMES CLUSKER

Benton Station, JAMES McMILLAN

Eldorado Station, FRANK PATTERSON

Duquoin Station, JAMES ROBERTSON

Herrin Station, THOMAS ROGERS

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PETER FALETTI, *Inspector*, Dalzell.

Second District—Logan, McLean, Marshall, Peoria, Stark, Tazewell and Woodford Counties.

WILLIAM E. KIDD, *Inspector*, Peoria.

Third District—Adams, Brown, Cass, Fulton, Hancock, Knox, McDonough, Schuyler and Warren Counties.

THOMAS P. BACK, *Inspector*, Canton.

Fourth District—Christian, Menard, Morgan, Pike, Sangamon and Scott Counties.

THOMAS HUNTER, *Inspector*, Springfield.

Fifth District—Edgar, Macon, Moultrie and Vermilion Counties.

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JOHN G. MILLHOUSE, *Inspector*, Litchfield.

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HENRY D. THOMPSON, *Inspector*, Collinsville.

Eighth District—Clinton, Monroe and St. Clair Counties.

JAMES R. RICHARDS, *Inspector*, Belleville.

Ninth District—Jackson, Perry, Randolph and Washington Counties.

FRANK ROSBOTTOM, *Inspector*, Duquoin.

Tenth District—Franklin and Jefferson Counties.

JAMES SNEDDON, *Inspector*, Valier.

Eleventh District—Gallatin, Saline, Wabash and White Counties.

GEORGE BAGWILL, *Inspector*, Harrisburg.

Twelfth District—Johnson and Williamson Counties.

ARTHUR W. PLUMLEE, *Inspector*, Cambria.

PATRICK GILLEN, *Inspector-at-Large*, Springfield.

Economic Investigation

W. L. MORGAN, *Investigator*, Greenville.

Fluorspar Inspection

EDWARD S. SMITH, *Inspector*, Rosiclare.

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FORTY-SIXTH ANNUAL COAL REPORT

INTRODUCTION

Not since 1904 has the coal production of the State been as low as in the year covered by this report. This reduction is due solely to the general suspension of the mines for six months of the year. A comparison of this report with that of 1926 shows that in the first three and the last three months more than one and a quarter million tons were mined than during the same months last year.

A few mines were operated during the general suspension, but their combined production was only 2,718,305 tons, while in 1926, the output for the same months was 26,885,756 tons.

While, perhaps, it is too early to place a permanent estimate on the value of training in mine rescue methods and first-aid to the injured in reducing the number of accidents in our mines, it is with pleasure we note that the number of tons mined to one killed and injured was increased over last year $4\frac{1}{2}$ and 48 per cent, respectively.

We are glad to report that the operators of thirteen of our large mines have now in their employ none but those who have received training in first-aid work, and a number of other operators have signified their intention of making their mines 100% in this work.

This report will be found to follow in form those of other years. A few new tables have been inserted, and some old ones omitted, where it was thought necessary.

A general summary of the different items found in the report follows:

THE FOLLOWING IS A SUMMARY OF THE ITEMS SHOWN IN THE REPORT.

Number of mines operated.	906
Number of shipping mines.	241
Number of local mines.	665
Output of all mines.	46,949,700
Output of shipping mines.	44,926,433
Output of local mines.	2,023,267
Average days worked, shipping mines.	112
Average days worked, local mines.	121
Number of mining machines used.	2,455
Tons undercut by machines.	34,516,666
Tons mined by hand.	9,625,626
Number of mechanical loaders used.	129
Tons loaded mechanically.	1,657,858
Number employed in shipping mines.	74,117
Number employed in local mines.	4,455
Powder used for blasting coal, kegs.	623,773
Dynamite used, pounds.	326,559
Permissible explosives used, pounds.	2,587,327
Number of fatal accidents.	106
Number of men injured (loss of 7 or more days)	4,915
Tons mined to each life lost.	442,922
Number employed to each life lost.	741
Number killed to 1,000 employed.	1.35
Tons mined to one man injured.	33,583
Number employed to one injured.	16
Number injured to 1,000 employed.	62.55

TABLE 1—CLASSIFICATION OF MINES BY DISTRICTS, 1927, AND BY YEARS 1882-1927.

Districts.	All mines.			Shipping mines.			Local mines.		
	Mines.	Men.	Tons.	Mines.	Men.	Tons.	Mines.	Men.	Tons.
First.....	76	3,254	1,034,897	9	2,428	614,496	67	826	420,401
Second.....	109	3,227	1,655,477	13	2,472	1,356,110	96	755	299,367
Third.....	266	2,471	1,815,174	15	1,567	1,479,888	251	904	335,286
Fourth.....	59	11,709	5,909,881	25	11,322	5,744,454	34	387	165,427
Fifth.....	79	3,403	2,889,699	10	2,942	2,595,573	69	461	294,126
Sixth.....	29	6,881	4,389,348	13	6,765	4,366,105	16	116	23,243
Seventh.....	23	4,745	3,224,662	17	4,611	3,133,428	6	154	91,234
Eighth.....	58	6,442	3,666,702	40	6,136	3,476,346	18	306	190,356
Ninth.....	64	5,484	3,614,185	24	5,172	3,494,552	40	312	119,633
Tenth.....	20	15,355	10,406,041	20	15,355	10,406,041	.....	.....	.....
Eleventh.....	62	6,680	3,300,131	24	6,551	3,257,568	38	129	42,563
Twelfth.....	61	8,921	5,043,503	31	8,796	5,001,872	30	125	41,631
The State. . .	906	78,572	46,949,700	241	74,117	44,926,433	665	4,455	2,023,267

OUTPUT BY YEARS—ALL MINES

Years.	Mines.	Men.	Tons.	Years.	Mines.	Men.	Tons.
1882.....	704	20,290	9,115,003	1905.....	990	59,230	37,183,374
1883.....	639	23,939	10,502,791	1906.....	1,018	62,283	38,317,581
1884.....	741	25,575	10,101,004	1907.....	933	66,714	47,798,501
1885.....	778	25,946	9,791,874	1908.....	922	70,841	49,272,479
1886.....	787	25,846	9,255,435	1909.....	886	72,733	49,163,710
1887.....	808	26,804	10,278,965	1910.....	881	74,634	48,718,853
1888.....	833	29,410	11,855,183	1911.....	845	77,410	50,165,098
1889.....	854	30,076	11,597,973	1912.....	879	79,411	57,514,240
1890.....	936	28,574	12,565,364	1913.....	840	79,497	61,846,202
1891.....	918	32,951	15,660,688	1914.....	796	80,035	60,715,795
1892.....	839	33,632	17,851,974	1915.....	779	75,607	57,601,694
1893.....	768	35,390	19,916,504	1916.....	802	75,919	63,673,530
1894.....	836	38,477	17,113,576	1917.....	810	80,893	78,983,536
1895.....	874	38,630	17,735,864	1918.....	967	91,372	89,979,469
1896.....	862	37,032	19,786,105	1919.....	937	90,897	75,099,784
1897.....	853	33,788	20,072,698	1920.....	933	88,192	73,920,653
1898.....	881	35,026	18,598,899	1921.....	1,035	95,763	80,121,948
1899.....	889	36,901	23,434,443	1922.....	1,133	98,090	63,276,827
1900.....	920	39,384	25,153,929	1923.....	1,136	103,566	75,514,095
1901.....	915	44,143	26,635,319	1924.....	1,032	99,765	72,308,665
1902.....	915	46,003	30,021,300 ^a	1925.....	913	76,697	103,186,166
1903.....	933	49,814	34,955,400	1926.....	921	77,732	69,813,255
1904.....	932	54,774	37,077,897	1927.....	906	78,872	46,949,700

^a From July 1, 1924 to December 31, 1925.

TABLE 2—CLASSIFICATION OF MINES BY OUTPUT.

Mines producing—	Shipping mines.			Local mines.			All mines.		
	Mines.	Men.	Tons.	Mines.	Men.	Tons.	Mines.	Men.	Tons.
Less than 10,000 tons. . .	21	1,172	99,251	623	2,732	836,156	644	3,904	935,407
10,000 but less than 50,000.	55	6,290	1,741,845	36	1,221	684,263	91	7,511	2,426,108
50,000 but less than 100,000.	43	7,895	3,210,880	5	368	343,436	48	8,263	3,554,316
100,000 but less than 200,000.	48	11,795	6,982,243	1	134	159,412	49	11,929	7,141,655
200,000 but less than 300,000.	24	10,456	6,039,103				24	10,456	6,039,103
300,000 but less than 400,000.	13	6,762	4,377,167				13	6,762	4,377,167
400,000 but less than 500,000.	16	11,089	7,104,459				16	11,089	7,104,459
500,000 but less than 600,000.	10	7,597	5,587,928				10	7,597	5,587,928
600,000 but less than 700,000.	2	1,668	1,215,314				2	1,668	1,215,314
700,000 but less than 800,000.	5	3,846	3,698,167				5	3,846	3,698,167
800,000 and over.	4	5,547	4,870,076				4	5,547	4,870,076
Total.	241	74,117	44,926,433	665	4,455	2,023,267	906	78,572	46,949,700

TABLE 3—CLASSIFICATION OF MINES BY NUMBER OF MEN EMPLOYED.

Mines employing—	Shipping mines.			Local mines.			All mines.		
	Mines.	Men.	Tons.	Mines.	Men.	Tons.	Mines.	Men.	Tons.
Less than 25 men.	13	195	123,229	637	2,947	1,015,759	650	3,142	1,138,988
25 but less than 100.	53	3,252	2,673,960	25	1,169	670,025	78	4,421	3,343,985
100 but less than 200.	49	7,026	4,585,326	3	339	337,483	52	7,365	4,922,809
200 but less than 300.	37	9,080	4,954,401				37	9,080	4,954,401
300 but less than 400.	19	6,600	2,467,328				19	6,600	2,467,328
400 but less than 500.	16	7,141	3,863,329				16	7,141	3,863,329
500 but less than 600.	15	8,409	4,549,481				15	8,409	4,549,481
600 but less than 700.	9	5,825	3,561,613				9	5,825	3,561,613
700 but less than 800.	14	10,489	6,062,124				14	10,489	6,062,124
800 but less than 900.	8	6,775	4,648,005				8	6,775	4,648,005
900 and over.	8	9,325	7,437,637				8	9,325	7,437,637
Total.	241	74,117	44,926,433	665	4,455	2,023,267	906	78,572	46,949,700

TABLE 4—SHIPPING MINES PRODUCING 600,000 TONS OR OVER,
LOCATION, NUMBER OF EMPLOYEES, DAYS WORKED, TONS PRO-
DUCED AND AVERAGE OUTPUT PER DAY.

No	Name of Operator.	Location.	Men.	Days.	Tons.	Average Tons per day.
1	C. W. and F. Coal Co., No. 2.....	West Frankfort...	1,902	132	1,528,888	11,582
2	United States Fuel Co., Bunsenville.....	Georgetown.....	1,074	234	1,296,163	5,552
3	Bell and Zoller Mining Co., No. 1.....	Zeigler.....	1,300	134	1,071,508	7,996
4	Bell and Zoller Mining Co., No. 2.....	Zeigler.....	1,175	128	963,497	7,527
5	C. W. and F. Coal Co., No. 1.....	Orient.....	1,039	126	775,797	6,157
6	Peabody Coal Co., No. 7.....	Kincaid.....	820	141	749,748	5,317
7	United Electric Coal Co., No. 9.....	Cuba.....	150	284	740,083	2,606
8	Peabody Coal Co., No. 8.....	Tovey.....	964	138	721,645	5,229
9	Old Ben Coal Corp., No. 8.....	West Frankfort...	873	135	710,894	5,266
10	Old Ben Coal Corp., No. 18.....	Johnston City....	810	122	613,010	5,025
11	Valier Coal Co., No. 1.....	Valier.....	850	102	602,304	5,905

TABLE 5—OUTPUT AND DAYS WORKED

Number.	Name of operator.	Name, number or letter of shaft.	Post office address of mine.	January		February		March		April	
				Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
BUREAU COUNTY—FIRST DISTRICT.											
1	St. Paul Coal Co.	2	Cherry	22	23,403	22	23,701	23	25,687	.....	.....
2	Spring Valley Coal Co.	3	Spring Valley ..	13	13,225	14	8,441	17	16,751	.....	.....
Totals and averages				18	36,628	18	32,142	20	42,438	.....	.....
GRUNDY COUNTY—FIRST DISTRICT.											
1	Sunlight Coal Co.	7	Verona	25	37,853	23	40,381	27	51,122	.....	.....
HENRY COUNTY—FIRST DISTRICT.											
1	Schuler C. M. Co.		Alpha	25	19,727	13	10,842	19	16,047	.....	.....
LASALLE COUNTY—FIRST DISTRICT.											
1	Illinois Zinc Co.	3	Peru	23	7,518	22	7,517	21	7,277	9	3,093
2	LaSalle Co. Carbon Coal Co.	1	LaSalle	17	12,348	18	14,055	27	19,787	.....	.....
3	LaSalle Co. Carbon Coal Co.	Union	Peru	23	12,010	22	12,146	26	15,509	.....	.....
4	LaSalle Co. Carbon Coal Co.	LaSalle	LaSalle	20	8,651	20	8,844	27	10,796	.....	.....
Totals and averages				21	40,527	21	42,562	25	53,369	9	3,093
MERCER COUNTY—FIRST DISTRICT.											
1	Alden Coal Co.	7	Matherville	21	11,982	19	10,745	24	13,718	.....	.....
LOGAN COUNTY—SECOND DISTRICT.											
1	Brewerton Coal Co.	92	Lincoln	24	28,224	23	26,103	26	30,401	.....	.....
PEORIA COUNTY—SECOND DISTRICT.											
1	Crescent Coal Co.	1	Peoria	25	44,303	24	42,597	27	48,324	.....	.....
2	Crescent Coal Co.	6	Peoria	21	21,285	24	29,788	27	39,308	.....	.....
3	Dorthel Coal Co.	1	Hanna City	26	24,887	24	19,938	26	28,585	.....	.....
4	Crescent Coal Co.	5	Peoria	25	9,209	24	11,384	27	15,719	.....	.....
5	Central West Coal Co.	3	Edwards	21	7,701	17	6,627	17	7,756	.....	.....
6	E. Mapleton Coal Corp.		Mapleton	24	1,155	17	1,067	25	1,972	18	1,435
7	Glasford Coal Co.		Glasford	20	6,590	18	5,152	16	4,288	.....	.....
Totals and averages				23	115,130	21	116,553	24	145,952	18	1,435
TAZEWELL COUNTY—SECOND DISTRICT.											
1	Lake Erie Mining Co.		Peoria	25	24,748	18	20,383	25	27,500	.....	.....
2	Crescent Coal Co.	2	Peoria	25	20,723	24	22,825	27	27,007	.....	.....
3	Ubben Coal Co.		Pekin	24	6,063	23	6,253	25	6,611	.....	.....
Totals and averages				24	51,534	22	49,461	26	61,118	.....	.....
WOODFORD COUNTY—SECOND DISTRICT.											
1	W. G. Sutton Co.	2	Minonk	23	8,645	17	6,324	15	5,541	.....	.....
2	J. T. Barron Co.		Roanoke	4	997	14	2,864	17	4,256	.....	.....
Totals and averages				14	9,642	16	9,188	16	9,797	.....	.....

EACH MONTH OF THE YEAR

NUMBER OF DAYS IN OPERATION AND TOTAL TONS OF COAL

May		June		July		August		September		October		November		December		Total		Number.
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	
																67	72,791	1
																44	38,417	2
																56	111,208	
										18	23,065	22	35,432	25	39,658	140	227,511	1
																57	46,616	1
15	5,027	15	5,057	16	5,140	17	5,607	16	5,612	25	8,698	25	8,806	26	9,218	230	78,570	1
																62	46,190	2
																71	39,665	3
																67	28,291	4
15	5,027	15	5,057	16	5,140	17	5,607	16	5,612	25	8,698	25	8,806	26	9,218	108	192,716	
																64	36,445	1
										15	12,429	24	26,876	25	26,584	137	150,617	1
1	602	1	369	1	1,052	1	1,552	1	1,683	22	26,430	24	43,856	26	48,627	148	259,395	1
										20	19,683	24	31,647	26	38,418	142	180,129	2
						7	1,975	23	19,549	26	24,297	12	10,517	15	13,205	159	142,953	3
										21	10,954	24	19,045	21	16,082	142	82,393	4
								8	1,145	17	5,093	17	7,008	19	8,245	116	43,575	5
14	1,096	21	1,784	19	1,639	22	1,668	18	1,425	25	2,129	22	2,138	23	1,870	248	19,378	6
																54	16,030	7
8	1,698	11	2,153	10	2,691	10	5,195	12	23,802	22	88,586	21	114,211	22	126,447	144	743,853	
11	1,375	20	3,740	25	17,987	27	28,507	25	26,797	25	26,339	22	11,692	26	18,099	249	207,167	1
										21	14,410	23	24,168	25	29,653	144	138,786	2
								17	2,991	24	5,580	20	4,859	25	6,665	158	39,022	3
11	1,375	20	3,740	25	17,987	27	28,507	21	29,788	23	46,329	22	40,719	25	54,417	185	384,975	
				6	1,152	27	9,123	22	9,197	24	10,925	16	7,774	21	9,867	171	68,548	1
																35	8,117	2
				6	1,152	27	9,123	22	9,197	24	10,925	16	7,774	21	9,867	103	76,665	

TABLE 5—

Number.	Name of operator.	Name, number or letter of shaft.	Post office address of mine.	January		February		March		April	
				Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
FULTON COUNTY—THIRD DISTRICT.											
1	United Electric Coal Co.	9	Cuba.	24	64,568 24	66,633 27	82,788 20	40,147			
2	Canton Coal Co.		Norris.	23	29,720 23	31,371 26	35,697				
3	Dorthel Coal Co.	2	Farmington.	24	16,312 24	18,764 27	23,440				
4	Saline Co. Coal Corp.	22	St. David.	24	27,906 13	19,147 16	23,101				
5	Dorthel Coal Co.	3	Farmington.	25	9,726 24	10,012 27	10,643				
6	Rawalt Coal Co.	1	Canton.	21	8,699 18	8,052 17	8,175				
7	Silver Creek Colliery Co.	1	Farmington.	23	14,722 24	15,312 27	16,468				
8	Alden Coal Co.	5	Farmington.	19	5,350 13	4,230 20	6,841				
9	Putnam Coal Co.		Breeds.	24	1,339 25	1,874 20	569 21	937			
10	Tony Tomlianovich.		Canton.	19	950 18	497 16	562 16	756			
11	G. and L. Coal Co.		Breeds.	18	984 8	490 16	950 5	295			
12	Breeds Coal Co.		Breeds.	23	4,121 21	4,597					
13	Cuba Coal Co.	1	Cuba.								
14	Farmington Coal Mining Co.		Farmington.	16	467 17	713					
Totals and averages				22	184,864 19	181,692 22	209,234 16	42,135			
KNOX COUNTY—THIRD DISTRICT.											
1	Galesburg Mining Co.	1	Galesburg.	25	7,944 24	9,469 12	5,101				
CHRISTIAN COUNTY—FOURTH DISTRICT.											
1	Peabody Coal Co.	7	Kincaid.	23	122,480 22	122,705 25	134,644				
2	Peabody Coal Co.	8	Tovey.	23	119,319 22	116,218 25	127,626				
3	Peabody Coal Co.	9	Langleyville.	22	132,488 23	139,009 25	157,012				
4	Peabody Coal Co.	58	Taylorville.	25	88,179 24	89,429 27	104,482				
5	Penwell Coal and Mining Co.		Pana.	22	41,370 15	30,434 21	38,129				
6	Pana Coal Co.	2	Pana.	19	21,948 19	21,543 22	24,834				
7	Pana Coal Co.	1	Pana.	18	8,336 16	7,503 22	11,569				
8	Quality Coal Co.		Edinburg.	13	1,503 14	819 15	1,468 21	2,606			
9	Assumption Coal Co.	4	Assumption.	25	2,402 23	1,814 26	2,249 11	769			
Totals and averages				21	538,025 20	529,474 23	602,013 16	3,375			
SANGAMON COUNTY—FOURTH DISTRICT.											
1	Panther Creek Mines.	1	Auburn.	24	98,003 24	102,622 27	115,213				
2	Buckley Coal Co.	"B"	Springfield.	25	51,984 23	51,623 26	59,976				
3	Peabody Coal Co.	55	Springfield.	23	49,908 24	56,417 26	62,221				
4	Peabody Coal Co.	57	Springfield.	25	53,743 23	53,304 27	66,401				
5	Peabody Coal Co.	53	Springfield.	22	42,360 21	44,165 26	55,567				
6	Peabody Coal Co.	6	Sherman.	22	78,818 24	89,011 23	80,673				
7	Peabody Coal Co.	52	Riverton.	20	32,515 19	30,055 23	33,455				
8	Central Illinois Coal Mining Co.		Springfield.	25	28,122 23	27,688 25	31,349				
9	Sangamon Coal Co.	2	Springfield.	23	32,882 17	25,801 18	26,827				
10	Peabody Coal Co.	51	Springfield.	17	22,452 23	31,896 26	39,815				
11	Brewerton Coal Co.	81	Springfield.	22	23,585 15	20,432 24	29,412				
12	Illinois Coal Corp.	1	Springfield.	24	27,798 15	20,663 18	24,184				
13	New North Coal Mining Co.		Springfield.	23	20,645 16	15,560 14	13,445				
14	Panther Creek Mines.	3	Springfield.	22	21,992 16	17,484 17	18,090				
15	Chicago, Springfield Coal Co.		Springfield.								
16	Panther Creek Mines.	4	Springfield.								
Totals and averages				23	584,807 20	586,721 23	662,628				
EDGAR COUNTY—FIFTH DISTRICT.											
1	Twin States Mining Co.		Paris.								
MACON COUNTY—FIFTH DISTRICT.											
1	Macon Co. Coal Co.	M. C.	Decatur.	25	21,187 24	19,788 27	21,961				

Continued.

NUMBER OF DAYS IN OPERATION AND TOTAL TONS OF COAL

May		June		July		August		September		October		November		December		Total		Number.
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	
20	49,669 23	51,187 24	61,980 26	73,839 24	57,551 23	68,086 24	65,688 25	57,947 284	740,083	1								
..			1	1,082 1	988 6	6,460 10	11,942 12	16,956 19	27,942 121	162,158	2							
..					23	16,887 26	25,189 17	16,545 15	14,228 156	131,365	3							
..						7	4,217 17	14,937 23	22,656 100	111,964	4							
..					22	8,119 23	10,683 13	7,028 18	10,222 152	66,433	5							
..					24	10,603 18	9,431 14	7,623 4	2,326 2	972 118	6							
..										52	7							
..										16,421	8							
18	320 18	463	20	835 24	1,964 21	1,220 20	740 25	2,397 236	12,658	9								
16	712 19	960 18	850 23	1,150 22	1,065 19	814 18	785 19	825 223	9,926	10								
14	1,069 16	1,250 20	1,470 22	1,830 8	685 7	504 4	196		138	9,723	11							
..		20	200 20	200 2	40 2	46			88	9,204	12							
..		21	300 21	400 20	300 20	287 19	434 20	472 121	2,193	13								
..									33	1,180	14							
17	51,770 19	53,860 17	65,882 20	89,845 17	102,502 16	130,611 15	125,635 18	137,661 135	1,375,691									
4	136 24	9,070 20	9,598 27	12,647 24	12,233 26	13,672 18	9,143 26	15,184 230	104,197	1								
..						21	98,124 24	130,786 26	141,009 141	749,748	1							
..						18	86,954 24	129,525 26	142,003 138	721,645	2							
..									70	428,509	3							
..						9	27,654 11	43,964 19	74,079 115	427,787	4							
..						10	18,324 12	23,512 12	25,376 92	177,145	5							
..						11	9,253 15	15,591 16	15,418 102	108,587	6							
..						15	4,094 17	5,919 19	8,249 107	45,670	7							
11	1,737 5	731 16	2,437 23	4,238 25	4,586 15	2,472 12	1,610 15	1,675 185	25,882	8								
5	360 18	1,466 8	666 27	2,685 22	2,549 22	2,365 20	2,549 23	2,834 230	22,708	9								
8	2,097 12	2,197 12	3,103 25	6,923 24	7,135 15	249,240 17	353,456 20	410,643 131	2,707,681									
..						6	12,509 9	23,912 23	68,649 113	420,908	1							
..						22	41,105 22	48,746 23	51,374 141	304,808	2							
..						20	27,739 18	40,776 26	63,289 137	300,350	3							
..						14	25,559 14	31,835 20	48,775 123	279,617	4							
..						18	29,706 18	38,715 24	51,695 129	262,208	5							
..									69	254,502	6							
..						17	57,201 12	47,100 12	48,703 108	249,029	7							
..						21	19,327 20	26,169 25	32,010 139	164,665	8							
..						18	22,236 16	23,877 21	31,003 113	162,626	9							
..							8	9,287 17	25,209 91	128,659	10							
..						16	13,848 18	20,084 18	19,202 113	126,563	11							
..						13	14,493 9	11,829 12	14,174 91	113,141	12							
..						15	12,471 17	15,580 17	17,095 102	94,795	13							
..						12	15,880 16	27,982 12	21,273 40	65,135	14							
..									55	57,566	15							
..						13	13,004 15	19,648 14	19,548 42	52,200	16							
..						16	305,078 15	385,540 19	511,999 100	3,036,773								
..				13	3,950 19	6,681 4	1,250 18	4,450 2	550 56	16,881	1							
..						17	11,491 24	18,692 20	15,687 23	19,414 160	128,220	1						

TABLE 5—

Number.	Name of operator.	Name, number or letter of shaft.	Post office address of mine.	January		February		March		April	
				Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
VERMILION COUNTY—FIFTH DISTRICT.											
1	U. S. Fuel Co.	Bunsen	Georgetown.	22	120,942	24	136,257	27	152,337	11	51,455
2	U. S. Fuel Co.	Ver.	Georgetown.	25	117,971	24	115,548	27	131,411	8	31,944
3	United Electric Coal Co.	1	Danville.	22	31,684	20	35,320	20	35,998	21	30,626
4	United Electric Coal Co.	12	Danville.	20	12,803	23	16,381	20	18,862	1	2,434
5	Peabody Coal Co.	24	Danville.	16	814	15	490	16	628	8	165
6	McComb Coal Co.		Danville.	21	6,076	22	7,691	27	9,728		
7	Taylor English Coal Co.		Catlin.								
8	United Electric Coal Co.	14	Danville.								
Totals and averages				21	290,290	21	311,687	23	348,964	10	116,624
MACOUPIN COUNTY—SIXTH DISTRICT.											
1	The Consolidated Coal Co.	15	Mt. Olive.	21	101,315	21	107,498	26	133,603		
2	Superior Coal Co.	3	Gillespie.	25	120,814	22	108,091	17	87,587		
3	Superior Coal Co.	4	Gillespie.	23	146,131	19	124,243	15	97,429		
4	Superior Coal Co.	2	Gillespie.	24	92,733	17	75,139	20	88,335		
5	Superior Coal Co.	1	Gillespie.	23	101,238	20	86,850	18	69,537		
6	Consolidated Coal Co.	7	Staunton.	24	105,224	22	99,377	25	111,503		
7	Gillespie Coal Co.		Gillespie.	24	34,374	23	31,621	26	39,979		
8	Madison Coal Corp.	5	Mt. Olive.	16	20,801	23	33,279	25	36,311		
9	South Mine Coal Co.		Carlinville.	14	2,924	17	1,478	20	2,313	11	695
Totals and averages				22	725,554	20	667,576	21	666,597	11	695
MONTGOMERY COUNTY—SIXTH DISTRICT.											
1	Ind. and Ill. Coal Corp.	10	Nokomis.	16	93,043	19	108,689	20	115,812		
2	Cosgrove Meehan Coal Co.	5	Panama.	20	66,680	24	70,772	26	90,128		
3	Hillsboro Coal Co.		Hillsboro.	25	34,181	24	34,415	25	36,685		
Totals and averages				20	193,904	22	213,876	24	242,625		
SHELBY COUNTY—SIXTH DISTRICT.											
1	Moweaqua Coal and Mining Co.	1	Moweaqua.	22	8,748	13	5,747	14	5,987		
BOND COUNTY—SEVENTH DISTRICT.											
1	Pocahontas Mining Co.	1	Pocahontas.	24	60,665	16	40,687	22	56,956		
MADISON COUNTY—SEVENTH DISTRICT.											
1	Mt. Olive and Staunton Coal Co.	2	Staunton.	22	103,269	23	109,736	26	128,105		
2	Lumaghi Coal Co.	2	Collinsville.	22	93,521	17	71,369	24	100,879		
3	Madison Coal Corp.	2	Glen Carbon.	19	57,158	23	67,153	21	66,140		
4	The New Stanton Coal Co.	1	Livingston.	13	52,719	15	62,162	20	82,948		
5	Donk Bros. Coal and Coke Co.	4	Edwardsville.	19	65,461	17	61,417	27	101,124		
6	Troy Coal Co.		Troy.	19	11,446	15	10,260	10	6,571		
7	Lumaghi Coal Co.	3	Collinsville.	24	25,122	14	14,894	19	19,929		
8	Bullock Mining Co.		Collinsville.	23	11,119	20	10,128	23	12,028		
9	O. S. Winkle Coal Co.		Edwardsville.	23	6,644	22	7,490	25	8,278		
10	Bunker Hill Coal Co.		Edwardsville.	22	4,900	20	3,285	21	4,875		
11	Collinsville Coal Corp.		Collinsville.	21	3,633	23	3,913	18	3,111		
12	Carlin Coal Co.		Bethalto.	21	1,425	20	1,368	23	1,600	7	540
13	East Side Coal Co.		Madison.	18	1,758	16	1,373	27	2,961		
14	Henrietta Coal Co.		Edwardsville.								
Totals and averages				21	438,175	19	424,548	22	538,549	7	540

Continued.

NUMBER OF DAYS IN OPERATION AND TOTAL TONS OF COAL

May		June		July		August		September		October		November		December		Total		Number.		
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.			
11	60,905	10	57,004	16	89,470	25	137,469	23	126,187	25	134,708	18	100,355	22	129,074	234	1,296,163	1		
20	29,247	14	18,707	16	17,801	20	22,967	24	27,556	25	31,843	24	41,381	20	26,006	246	349,136	2		
						19	15,744	23	21,309	26	25,576	24	23,879	21	15,351	177	152,339	3		
7	150	3	103	2	40	20	675	22	820	21	750	21	725	26	7,083	14	7,083	4		
				1	156	11	1,239	24	3,319	21	4,917	23	6,878	27	1,215	177	6,575	5		
												24	1,455	25	7,420	177	47,424	6		
															1,397	49	2,852	7		
13	90,302	9	75,814	9	107,467	19	178,094	23	179,191	21	213,661	22	248,587	22	289,791	151	2,450,472	8		
										15	62,847	16	82,222	22	111,218	121	598,703	1		
										13	57,756	24	123,090	18	90,714	119	588,052	2		
											11	53,170	17	102,893	85	523,866	3			
										14	53,967	23	104,117	15	69,755	113	484,046	4		
										17	41,649	19	62,705	13	47,096	110	409,075	5		
											1	293	1	1,706	73	318,103	6			
										17	21,245	17	24,250	21	32,010	128	183,479	7		
										14	19,377	23	31,995	21	31,576	122	173,339	8		
		6	242	7	355	20	1,541	24	2,134	23	2,794	20	1,795	23	2,976	185	19,247	9		
		6	242	7	355	20	1,541	24	2,134	16	259,635	17	483,637	17	489,944	117	3,297,910			
										7	32,510	14	81,082	16	100,138	92	531,274	1		
										5	10,899	9	28,335	15	46,452	99	313,266	2		
										17	23,016	19	28,805	21	32,603	131	189,705	3		
										10	66,425	14	138,222	17	179,193	107	1,034,245			
										20	3,874	22	4,765	22	4,829	113	33,950	1		
										10	13,817	9	18,198	9	17,758	90	208,081	1		
										18	72,572	17	83,054	17	84,449	123	581,185	1		
										9	34,781	9	38,783	11	49,761	92	380,094	2		
										12	34,017	20	62,908	15	45,792	110	333,168	3		
										5	9,409	18	37,365	14	30,421	85	275,024	4		
															63	228,002	5			
				13	3,525	27	18,523	25	18,713	24	18,942	20	14,983	18	13,793	171	116,756	6		
															57	59,945	7			
										14	6,087	13	7,384	23	11,817	116	58,563	8		
										11	2,353	20	4,023	15	6,334	12	4,959	128	40,081	9
						9	1,500	23	5,575	23	6,000	22	4,880	23	5,700	163	36,715	10		
		8	797							7	1,044	16	3,296	21	5,035	114	20,829	11		
4	240	7	399	15	806	24	1,716	25	1,501	24	1,855	21	1,506	25	2,030	216	14,986	12		
								7	201	18	1,584	21	2,135	25	2,847	132	12,859	13		
												12	743	23	2,365	35	3,108	14		
4	240	8	1,196	14	4,331	20	21,739	18	28,343	16	190,314	17	263,371	19	258,969	115	2,170,315			

TABLE 5—

Number.	Name of operator.	Name, number or letter of shaft.	Post office address of mine.	January		February		March		April	
				Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
MARION COUNTY—SEVENTH DISTRICT.											
1	Marion Co. Coal Co.	Glenridge	Centralia	25	41,162	22	40,500	27	52,229	15	29,295
2	Odin Coal Co.	Odin	Odin	24	16,653	24	17,097	26	18,511	25	16,822
Totals and averages				25	57,815	23	57,597	27	70,740	20	46,117
CLINTON COUNTY—EIGHTH DISTRICT.											
1	Southern Coal, Coke and Mining Co.	9	New Baden	19	48,842	19	50,832	21	56,097		
2	Breese-Trenton Mining Co.	Beck	Beckemeyer.	16	32,798	12	24,078	17	32,920		
3	Breese-Trenton Mining Co.	East	Breese.	18	20,709	15	16,353	18	20,494		
4	Breese-Trenton Mining Co.	North	Breese.	12	17,566	10	13,469	11	15,679		
Totals and averages				16	119,915	14	104,732	17	125,190		
ST. CLAIR COUNTY—EIGHTH DISTRICT.											
1	St. Louis & O'Fallon Coal Co.	2	East St. Louis.	21	68,655	23	79,432	27	95,840		
2	Southern Coal, Coke and Mining Co.	7	Belleville	25	24,202	24	23,413	24	24,547		
3	Southern Coal, Coke and Mining Co.	8	Belleville	22	43,873	24	50,500	19	39,930		
4	Mulberry Hill Coal Co.		Freeburg	17	23,357	14	19,705	6	17,580		
5	Perry Coal Co.	St. Ellen	O'Fallon	23	34,639	23	38,938	26	46,659		
6	Gundlach Coal Co.		E. St. Louis.	25	7,200	23	7,300	27	10,000	25	10,000
7	Perry Coal Co.	Carbon	O'Fallon	23	24,663	23	23,707	27	29,465		
8	Consolidated Coal Co.	17	Collinsville	20	39,400	16	34,641	19	42,088		
9	Perry Coal Co.	Taylor	O'Fallon	20	20,221	21	22,557	25	30,693		
10	New National Coal & Mining Co.		Belleville	23	14,243	21	12,598	27	15,787		
11	Groom Coal Co.		Belleville	16	16,270	14	13,990	19	21,538		
12	Golden Rule Coal Co.		Lenzberg	16	10,373	19	14,258	24	18,067		
13	Egyptian Coal & Mining Co.	Meek	Marissa	17	11,347	20	14,967	27	18,712		
14	Aluminum Ore Co.		Belleville	25	26,031	24	28,634	27	34,564		
15	Ell-Rich Mining Co.		Belleville	19	10,922	21	13,998	9	6,309		
16	Reichart Coal Co.		Freeburg	25	11,160	24	11,226	25	12,006		
17	Eldnar Coal Co.		Belleville	18	12,140	21	14,662	15	10,006		
18	Guest Coal Co.		Belleville	27	8,440	23	4,006	26	3,874		
19	Quality Coal Mining Co.		Belleville	19	8,625	11	5,229	13	6,075		
20	Lyle Coal Co.		Marissa	24	13,223	24	13,656	27	16,538		
21	St. Louis & O'Fallon Coal Co.	1	East St. Louis.	21	17,729	24	22,057	27	25,829		
22	Southern Coal, Coke and Mining Co.	6	Belleville	25	12,962	23	10,198	27	13,050		
23	United Electric Coal Co.	13	Freeburg								
24	Jones Bros. Coal Co.	1	Marissa	18	9,203	18	8,167	14	5,596		
25	Summit Coal Co.	1	Belleville	23	4,850	23	5,642	26	5,413		
26	Kolb Coal Co.	1	Mascoutah	7	7,915	6	6,432	11	13,073		
27	Kolb Coal Co.	2	Mascoutah	5	11,911	6	12,332	7	15,217		
28	Fullerton Coal Co.		Belleville	25	3,780	23	3,800	22	3,590		
29	Service Coal Co.		Belleville								
30	Chapple & Mowe.	Sargent	Caseyville.	16	4,437	14	4,837	7	2,470		
31	Egyptian Coal & Mining Co.	O. K.	Marissa.								
32	Perry Coal Co.	Superior	Belleville	1	125	24	3,557	26	4,497		
33	Columbia Coal Co.		Lenzburg			17	3,037	10	2,502		
34	Lou-Nash Coal Co.	2	Rentchler.								
35	Howard E. Miller.		Caseyville.	23	1,194	15	759	23	1,303		
36	Hibbard Coal Co.		Belleville.								
Totals and averages				20	503,090	20	528,235	21	592,818	25	10,000
JACKSON COUNTY—NINTH DISTRICT.											
1	Black Servant Coal Co.		Elksville.	16	35,033	17	41,541	23	50,337		
2	Union Colliery Co.		Dowell.	24	103,473	23	96,234	27	118,237		
3	The Consolidated Coal Co.	10	Murphysboro.	14	8,057	18	13,139	14	9,004		
4	Forsythe Coal Co.		De Soto.	13	18,332	12	21,783	24	33,624		
5	Murphysboro Coal Co.		Vergennes.	20	789	15	410	20	600	5	201
Totals and averages				17	165,684	17	173,107	22	211,802	5	201

Continued.

NUMBER OF DAYS IN OPERATION AND TOTAL TONS OF COAL																		
May		June		July		August		September		October		November		December		Total		
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	
24	44,444	26	46,373	23	41,060	26	47,653	25	48,463	24	44,913	22	39,229	25	43,838	284	519,159	
26	17,819	26	20,281	24	19,970	27	21,914	25	21,738	26	23,182	25	21,797	26	20,089	304	235,873	
25	62,263	26	66,654	24	61,030	27	69,567	25	70,201	25	68,095	24	61,026	26	63,927	294	755,032	
..	21	38,427	15	37,812	23	61,231	118	293,241	
..	9	16,215	8	17,070	12	24,380	74	147,461	
..	15	14,055	10	10,966	12	13,086	88	95,663	
..	33	46,714		
..	15	68,697	11	65,848	16	98,697	78	583,079	
..	15	42,645	21	72,738	21	77,305	128	436,615	
..	23	21,565	25	27,267	26	29,817	147	150,811	
..	2	2,000	7	10,625	..	74	146,928		
..	20	28,284	23	38,162	7	12,422	2	3,028	2	2,830	91	145,368	
..	6	7,684	8	3,344	21	6,684	107	137,948	
23	10,500	25	11,800	25	11,650	25	12,500	25	10,900	21	11,000	21	12,298	23	13,020	288	128,168	
..	24	2,353	13	11,179	15	11,904	25	19,214	150	122,485
..	55	116,129		
..	12	11,912	12	11,052	17	17,682	107	114,117	
..	24	14,025	26	14,486	23	13,722	16	9,480	10	5,564	170	99,905	
..	20	13,905	19	15,501	18	15,710	106	96,914	
..	9	5,525	25	17,428	18	14,739	11	8,614	10	7,815	132	96,819	
..	1	276	18	14,226	12	10,520	8	8,096	10	11,252	113	89,396	
..	76	89,229		
..	18	10,391	21	15,288	16	11,807	11	8,880	17	10,708	132	88,303	
..	22	10,511	24	14,810	13	8,472	6	4,150	10	5,005	149	77,340	
..	17	11,791	20	17,214	8	7,929	..	..	..	99	73,742		
..	6	3,713	25	18,194	27	16,383	26	7,376	27	9,613	187	71,599	
..	20	7,324	25	12,188	26	12,375	25	8,880	25	9,935	164	70,631	
..	14	7,082	18	10,524	10	5,707	117	66,730	
..	25	9,521	25	8,598	26	10,426	151	65,615	
..	10	11,203	50	64,755
..	10	9,983	20	19,484	10	9,855	50	50,525
..	25	8,271	14	7,564	9	4,765	14	6,651	
..	23	5,958	21	6,530	20	5,560	18	6,442	24	7,368	178	47,763	
..	1	4,198	3	4,840	3	4,945	34	41,553	
..	18	39,460		
..	27	3,682	24	3,495	21	3,950	21	4,072	19	4,263	182	30,632	
..	8	1,578	24	8,490	21	5,252	20	3,778	24	5,026	97	24,124	
..	16	3,728	9	705	15	2,844	79	22,820	
..	3	2,683	8	5,202	5	4,597		
..	16	1,636	14	917	..	81	10,732		
..	27	5,539		
..	22	3,514		
..	61	3,256		
..	447	20	1,103	
23	10,500	25	11,800	25	11,650	16	125,541	14	225,397	22	291,359	15	273,732	16	309,145	105	2,893,267	
..	
..	11	23,746	24	49,302	23	47,560	23	42,608	20	38,458	157	328,585	
..	74	317,944		
..	46	30,200		
..	..	8	15,268	24	39,742	22	40,594	24	38,946	19	31,383	17	24,722	9	19,745	172	284,139	
..	60	2,000		
..	..	8	15,268	24	39,742	16	64,340	24	88,248	21	78,943	20	67,330	15	58,203	102	962,868	

TABLE 5—

Number.	Name of operator.	Name, number or letter of shaft.	Post office address of mine.	January		February		March		April	
				Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
PERRY COUNTY—NINTH DISTRICT.											
1	Crerar Clinch Coal Co.		DuQuoin.	25	86,577 24		83,569 27		98,223		
2	Perry Coal Co.	Peco	Coulterville.	24	32,680 24		33,757 27		42,695		
3	Security Coal Co.		DuQuoin.	24	29,172 24		31,249 23		35,709		
4	Pyramid Coal Corp.	2	Pinckneyville.	24	11,584 23		21,432 22		19,835		
5	Gayle Coal Co.		DuQuoin.	19	20,167 23		29,667 22		24,208		
6	Columbia Colliery Co.	B. E.	Swanwick.	19	23,075 14		17,159 18		21,467		
7	Perfection Coal Co.		DuQuoin.	24	25,035 12		12,738 17		17,700		
8	Paradise Coal Co.		DuQuoin.	17	34,388 14		30,176 14		27,921		
9	Wilson Coal and Mining Co.		Cutler.	23	8,232 23		8,374 24		8,425		
10	Brewerton Coal Co.	45	Pinckneyville.	5	2,331 9		5,221 15		9,198		
11	Willis Coal and Mining Co.	8	Willisville.								
12	Bailey Bros. Coal Co.		DuQuoin.	18	1,849 19		2,428 20		2,474		
Totals and averages				20	275,090 19	275,770 20	307,855				
RANDOLPH COUNTY—NINTH DISTRICT.											
1	Moffat Coal Co.	1	Sparta.	25	64,038 23		63,858 27		81,470		
2	St. Louis Coal Co.		Coulterville.	19	28,984 11		18,045 21		37,059		
3	Jones Bros.	2	Tilden.	18	13,156 18		14,247 15		10,776		
4	Willis Coal and Mining Co.	7	Percy.	12	10,803 21		21,401 15		14,711		
5	Sparta Coal and Mining Co.	4	Sparta.								
Totals and averages				19	116,981 18	117,551 20	144,016				
WASHINGTON COUNTY—NINTH DISTRICT.											
1	Centralia Coal Co.	5	Centralia.	22	53,881 20		50,725 26		74,794		
2	Clarkson Coal Co.	1	Nashville.	25	11,972 25		10,777 25		12,232		
Totals and averages				24	65,853 23	61,502 26	87,026				
FRANKLIN COUNTY—TENTH DISTRICT.											
1	C. W. & F. Coal Co.	2	W. Frankfort.	25	300,053 22	264,084 27	317,397				
2	Bell & Zoller Coal & Mining Co.	1	Zeigler.	25	195,728 20	165,949 27	225,133				
3	Bell & Zoller Coal & Mining Co.	2	Zeigler.	23	164,965 20	154,341 27	205,065				
4	C. W. & F. Coal Co.	1	Orient.	25	151,270 23	142,647 27	172,868				
5	Old Ben Coal Corp.	8	W. Frankfort.	23	116,743 23	125,019 27	147,520				
6	Valier Coal Co.	1	Valier.	23	133,089 24	152,431 25	152,991				
7	Franklin County Coal Co.	7	Royalton.	23	96,767 23	102,150 27	111,788				
8	Old Ben Coal Corp.	11	W. Frankfort.	25	103,722 24	100,601 26	113,001				
9	Old Ben Coal Corp.	14	Buckner.	17	80,255 19	93,722 23	113,835				
10	Industrial Coal Co.	18	W. Frankfort.	24	78,348 23	77,094 27	94,159				
11	Franklin Co. Coal Co.	5	Herrin.	22	76,566 21	70,789 22	84,039				
12	Western Coal & Mining Co.	2	Bush.	20	75,005 24	89,062 25	95,675				
13	Industrial Coal Co.	19	W. Frankfort.	25	70,754 24	72,925 27	78,976				
14	Old Ben Coal Corp.	12	Ezra.	20	50,984 24	73,157 24	75,994				
15	Old Ben Coal Corp.	15	Christopher.	14	42,572 16	50,786 25	84,558				
16	Franklin Co. Mining Co.		Benton.	21	50,139 12	36,061 22	59,351	3		343	
17	Brewerton Coal Co.	21	W. Frankfort.	10	7,529 22	23,702 26	42,258				
18	Black Star Coal Co.	Logan	Logan.	25	30,001 24	31,121 19	24,145				
19	Old Ben Coal Corp.	9	W. Frankfort.	6	24,917						
Totals and averages				21	1,849,407 22	1,825,641 25	2,198,753 3			343	
JEFFERSON COUNTY—TENTH DISTRICT.											
1	Illinois Coal Corp.	10	Nason.	9	11,752 13	13,494 14	17,187				

Continued.

NUMBER OF DAYS IN OPERATION AND TOTAL TONS OF COAL																	
May		June		July		August		September		October		November		December		Total	
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
										21	72,919	17	59,181	24	81,685	138	482,154
										17	21,423	17	25,764	19	29,819	128	186,138
										20	25,085	17	27,058	21	32,844	139	181,117
						7	7,958	19	25,922	19	27,725	15	28,215	20	23,161	149	165,832
										16	19,837	17	24,444	26	38,586	123	156,909
										19	20,786	14	18,019	11	13,231	95	113,737
										15	15,830	13	12,535	19	19,470	100	103,308
																45	92,485
						25	9,593	24	10,303	23	11,654	18	8,905	23	11,325	183	76,811
										17	7,566	14	8,553	15	9,103	75	41,972
								10	4,000	20	10,000	6	3,000			26	17,000
						1	119	2	462	2	335	2	361	2	550	66	8,578
						11	17,670	14	40,687	17	233,160	14	216,035	18	259,774	106	1,626,041
										4	6,474	5	10,207	9	21,177	93	247,224
										13	17,598	9	16,650	14	24,978	87	143,314
						7	5,347	16	13,608	17	15,557	7	8,655	14	15,208	112	96,554
								23	21,803	10	9,419					81	78,137
								9	4,265	21	13,768	20	13,783	24	16,439	74	48,255
						7	5,347	16	39,676	13	62,816	10	49,295	15	77,802	89	613,484
											25	18,355	26	28,668	119	226,423	
										19	8,723	25	10,621	25	11,411	144	65,736
										19	8,723	25	28,976	26	40,079	132	292,159
										20	192,820	17	195,303	21	259,231	132	1,528,888
										22	149,052	18	149,651	22	185,995	134	1,071,508
										21	149,306	18	140,574	19	149,246	128	963,497
										22	123,022	13	82,823	16	103,167	126	775,797
										21	101,292	19	102,652	22	117,668	135	710,894
											14	69,410	16	94,383	102	602,304	
										22	85,277	17	79,177	22	94,925	134	570,084
										18	73,603	19	77,819	20	84,228	132	552,974
										20	89,319	15	77,300	17	79,300	111	533,731
										22	62,144	20	80,314	22	84,022	138	476,081
										21	68,924	19	67,794	22	79,642	127	447,754
										13	40,973	19	68,821	14	52,256	115	421,792
										21	58,897	20	62,090	25	77,301	142	420,943
										22	58,684	15	47,679	17	53,494	122	359,992
										19	51,421	15	46,806	17	55,073	106	331,216
										18	31,722	21	48,348	16	40,025	113	265,989
										18	24,776	24	41,726	26	49,034	126	189,025
											23	10,342	23	17,886	114	113,495	
																6	24,917
										20	1,361,232	18	1,448,629	20	1,676,876	118	10,360,881
										1	906	1	1,133	1	688	39	45,160

TABLE 5—

Number.	Name of operator.	Name, number or letter of shaft.	Post office address of mine.								
				January		February		March		April	
				Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
GALLATIN COUNTY—ELEVENTH DISTRICT.											
1	Saline Gas & Coal Co.	4	Equality								
2	Saline River Coal Co.		Junction.	20	6,379	8	2,649	24	10,000		
Totals and averages				20	6,379	8	2,649	24	10,000		
SALINE COUNTY—ELEVENTH DISTRICT.											
1	Saline Co. Coal Corp.	7	Harrisburg	23	85,534	17	62,762	22	79,814		
2	Saline Co. Coal Corp.	3	Harrisburg	21	77,636	20	53,312	24	88,653		
3	Wasson Coal Co.	1	Harrisburg	25	65,006	23	60,257	27	74,688		
4	O'Gara Coal Co.	1	Harrisburg	25	72,100	22	51,298	24	68,288		
5	O'Gara Coal Co.	10	Eldorado	25	46,154	22	43,247	26	51,983		
6	O'Gara Coal Co.	12	Harrisburg	25	45,468	19	40,292	25	52,639		
7	Saline Co. Coal Corp.	4	Harrisburg	21	41,669	9	16,395	22	42,581		
8	O'Gara Coal Co.	15	Harrisburg	20	35,173	16	30,796	27	53,405		
9	J. K. Dering Coal Co.	2	Eldorado	20	20,662	20	19,413	22	22,456		
10	Wasson Coal Co.	2	Harrisburg	23	23,051	12	12,799	27	29,253		
11	Saline Co. Coal Corp.	2	Ledford	23	34,455	20	22,332	22	33,289		
12	O'Gara Coal Co.	3	Harrisburg	16	26,427	10	16,985	24	38,183		
13	Harrisburg Coal Mining Co.	2	Ledford	25	15,786	23	12,626	25	15,217		
14	O'Gara Coal Co.	8	Harrisburg	23	18,252	16	18,457	27	32,779		
15	Harrisburg Coal Mining Co.	9	Harrisburg								
16	Harrisburg Coal Mining Co.	1	Harrisburg	23	13,658	24	16,550	25	18,342		
17	Saline Valley Coal Co.	1	Carrier Mills	23	2,934	23	3,179	27	4,430		
18	Harrisburg Coal Mining Co.	4	Ledford	24	9,032	22	6,469	24	6,763		
19	Saline Gas & Coke Co.	3	Ledford			23	3,203	25	5,070		
20	Saline Co. Coal Corp.	6	Grayson	19	8,388						
21	Harrisburg Coal Mining Co.	8	Harrisburg								
Totals and averages				22	641,385	19	490,372	25	717,833		
WHITE COUNTY—ELEVENTH DISTRICT.											
1	Fire Band Fuel Co.		Norris City	11	5,057			7	2,960		

Continued.

NUMBER OF DAYS IN OPERATION AND TOTAL TONS OF COAL

May		June		July		August		September		October		November		December		Total		Number.
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	
..	23	5,862	26	8,888	22	8,757	10	2,746	..	..	..	..	81	26,253	1
..	52	19,028	2
..	23	5,862	26	8,888	22	8,757	10	2,746	..	..	..	..	67	45,281	
..	19	58,661	18	72,064	23	93,127	122	451,962	1
..	24	60,590	16	60,688	19	73,229	124	414,108	2
..	17	42,371	22	62,165	24	65,816	138	370,303	3
..	19	53,285	19	59,118	21	57,113	130	361,202	4
..	15	24,965	21	43,244	21	43,329	130	252,922	5
..	9	13,309	12	25,196	23	49,443	113	226,347	6
..	16	30,062	15	28,540	17	34,086	100	193,333	7
..	8	12,626	..	..	2	2,893	73	134,893	8
..	19	18,445	24	25,216	26	25,075	131	131,267	9
..	17	16,793	12	13,778	12	14,090	103	109,647	10
..	65	90,076	11
..	50	81,595	12
..	2	1,082	25	13,880	23	14,343	23	8,275	..	..	..	..	146	81,209	13
..	19	3,175	24	17,509	24	15,464	25	16,271	92	69,488	14
..	66	52,419	15
5	606	24	3,882	25	4,183	26	4,834	24	4,775	21	4,331	19	2,680	18	3,498	72	48,550	16
..	235	39,332	17
..	70	22,264	18
..	23	1,099	24	3,174	24	3,102	2	250	3	350	124	16,248	19
..	19	8,388	20
..	4	426	4	426	21
5	606	24	3,882	14	5,265	25	19,813	23	25,467	18	364,324	17	408,403	16	478,746	100	3,156,096	
..	2	498	25	12,706	18	10,909	18	11,796	21	12,105	102	56,191	1

TABLE 5—

Number.	Name of operator.	Name, number or letter of shaft.	Post office address of mine.								
				January		February		March.		April	
				Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
WILLIAMSON COUNTY—TWELFTH DISTRICT											
1	Old Ben Coal Corp.	18	Johnston City	19	92,841	23	118,095	26	136,477		
2	C. W. & F. Mining Co.	A	Herrin	20	92,262	17	80,908	27	136,346		
3	Madison Coal Corp.	12	Cambria	22	94,438	23	99,438	22	91,820		
4	Cosgrove-Meehan.	1	Johnston City	24	74,888	22	74,500	27	84,705		
5	Pratt Bros. Coal Co.	Pratt	Herrin	22	53,793	22	44,945	22	62,488		
6	Madison Coal Corp.	9	Colp.	24	59,499	24	59,406	23	55,600		
7	Freeman Coal Mining Co.		Herrin	25	65,755	24	67,060	27	76,346		
8	Consolidated Coal Co.	L. C.	Johnston City	18	48,882	20	57,726	26	73,272		
9	Big Muddy Co.	26	Johnston City	24	46,731	24	54,813	27	58,376		
10	Cosgrove Meehan Coal Co.	3	Marion	25	49,289	24	47,636	27	49,877		
11	Consolidated Coal Co.	7	Herrin	18	47,760	22	62,592	26	75,138		
12	Peabody Coal Co.	3	Marion	18	49,501	22	60,315	27	70,954		
13	Pyramid Coal Co.	1	Marion	23	26,561	25	30,465	25	32,596		
14	Cosgrove Meehan Coal Co.	2	Pittsburg	22	30,411	18	26,653	24	34,716		
15	Huskey Coal Co.	1	Cambria	25	19,673	24	26,251	26	28,060		
16	Old Ben Coal Corp.	20	Weaver	19	37,647	11	21,749	19	39,395		
17	St. Louis Coal & Iron Co.	2	Johnston City	19	14,788	20	17,718	23	19,813		
18	Federal Coal Co.	25	Cartersville	14	24,727	13	26,132	15	31,871		
19	Carbon Fuel Co.		Marion	20	9,827	19	9,381	24	16,314		
20	Sincerity Coal Co.		Marion	24	18,480	21	15,618	21	14,896		
21	Crerar Clinch Coal Co.		Johnston City	13	17,324	6	8,371	17	23,264		
22	Slogo Coal Corp.		Marion	12	9,731	17	15,003	23	21,701		
23	Mammoth Coal Co.		Marion	10	5,482	8	2,524	2	356	4	700
24	Henderson Wallace Coal Co.		Marion	18	6,651	18	7,799	22	8,229		
25	Wall Coal Co.	Bruce	Pittsburg	15	18,122	11	14,806	2	3,088		
26	McLaren Coal Co.	1	Cartersville	25	3,604	22	3,664	25	4,504		
27	Puritan Coal Co.	1	Johnston City	8	548	22	1,782	18	1,032	8	889
28	Cartersville Black Diamond Coal Co.	3	Herrin	21	5,263	24	5,574	27	5,455		
29	City Lake Coal Co.	2	Herrin	19	927	16	847	22	1,500		
30	Ogmore Coal Co.		Cambria								
31	Peabody Coal Co.	16	Cambria	1	521						
Totals and averages				19	1,025,926	19	1,061,771	22	1,258,189	6	1,589

Concluded.

NUMBER OF DAYS IN OPERATION AND TOTAL TONS OF COAL																	
May		June		July		August		September		October		November		December		Total	
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.

TABLE 6—SUMMARY

Districts	Number of days in operation											
	January		February		March		April		May		June	
	Av. Days	Tons.	Av. Days	Tons.	Av. Days	Tons.	Av. Days	Tons.	Av. Days	Tons.	Av. Days	Tons.
First.	23	146,717	19	136,672	23	176,694	9	3,093	15	5,027	15	5,057
Second.	22	204,530	20	201,305	23	247,268	18	1,435	10	3,073	16	5,893
Third.	22	192,808	20	191,161	21	214,335	16	42,135	15	51,906	20	62,930
Fourth.	22	1,122,832	20	1,116,195	23	1,264,641	16	3,375	8	2,097	12	2,197
Fifth.	22	311,477	22	331,475	23	370,925	10	116,624	16	90,302	9	75,814
Sixth.	21	928,206	20	887,199	21	915,209	11	695	.....	6	.....	242
Seventh.	21	556,655	19	522,832	22	666,245	16	46,657	18	62,503	23	67,850
Eighth.	19	623,005	19	632,967	20	718,008	25	10,000	23	10,500	25	11,800
Ninth.	20	623,608	19	627,930	21	750,699	5	201	.....	8	.....	15,268
Tenth.	20	1,861,159	21	1,839,135	25	2,215,940	3	343	.....	.....	.....	.....
Eleventh.	22	652,801	18	493,021	24	730,793	.....	.....	5	606	24	3,882
Twelfth.	19	1,025,926	19	1,061,771	22	1,258,189	6	1,589	.....	.....	17	9,605
The State.	21	8,249,724	20	8,041,663	22	9,528,946	12	226,147	14	226,014	16	260,538

TABLE 7—NUMBER OF MINES IN OPERATION

Districts	Total number of mines	January		February		March		April		May		June	
		Number of mines working	Average days worked	Number of mines working	Average days worked	Number of mines working	Average days worked	Number of mines working	Average days worked	Number of mines working	Average days worked	Number of mines working	Average days worked
First.	9	9	23	9	19	9	23	1	9	1	15	1	15
Second.	13	13	20	13	20	13	23	1	18	3	10	3	16
Third.	15	14	22	14	20	12	21	4	16	5	15	5	20
Fourth.	25	23	22	23	20	23	23	2	16	2	8	2	12
Fifth.	10	7	22	7	22	7	23	5	10	3	16	3	9
Sixth.	13	13	21	13	20	13	21	1	11	.....	.....	1	6
Seventh.	17	16	21	16	19	16	22	3	16	3	18	4	23
Eighth.	40	34	19	35	19	35	20	1	25	1	23	1	25
Ninth.	24	22	20	22	19	22	21	1	5	.....	.....	1	8
Tenth.	20	20	20	19	21	19	25	1	3	.....	.....	.....	.....
Eleventh.	24	20	22	19	18	20	24	.....	.....	1	5	1	24
Twelfth.	31	30	19	29	19	29	22	2	6	.....	.....	2	17
The State.	241	221	21	219	22	218	22	22	12	19	14	24	16

BY DISTRICTS

and total tons of coal mined.

July		August		September		October		November		December		Total		Districts
Av. Days	Tons.	Av. Days	Tons.	Av. Days	Tons.	Av. Days	Tons.	Av. Days	Tons.	Av. Days	Tons.	Av. Days	Tons.	
16	5,140	17	5,607	16	5,612	22	31,763	23	44,238	26	48,876	89	614,496	First.
14	21,830	21	42,825	18	62,787	23	158,269	21	189,580	23	217,315	146	1,356,110	Second.
18	75,480	20	102,492	18	114,735	17	144,283	15	134,778	19	152,845	142	1,479,888	Third.
12	3,103	25	6,923	24	7,135	15	554,318	15	738,996	19	922,642	111	5,744,454	Fourth.
9	107,467	18	182,044	22	197,363	19	233,503	21	268,824	20	309,755	142	2,595,573	Fifth.
7	355	20	1,541	24	2,134	15	329,934	17	626,624	17	673,966	115	4,366,105	Sixth.
19	65,361	23	91,306	20	98,544	17	272,226	17	342,595	19	340,654	134	3,133,428	Seventh.
25	11,659	16	125,541	14	225,397	15	360,056	14	339,580	16	407,842	103	3,476,346	Eighth.
24	39,742	12	87,357	17	168,611	17	383,642	15	361,636	19	435,858	104	3,494,552	Ninth.
17	11,127	20	29,199	23	46,930	18	1,362,133	18	1,449,762	20	1,677,564	118	10,406,041	Tenth.
16	9,167	11	16,516	15	34,585	14	377,979	17	420,379	17	490,851	97	3,257,568	Eleventh.
							441,008	14	513,141	17	630,372	93	5,001,872	Twelfth.
16	350,422	18	691,351	19	963,833	18	4,649,119	17	5,430,136	19	6,308,540	112	44,926,433	The State..

AND DAYS WORKED EACH MONTH OF THE YEAR

July		August		September		October		November		December		Districts
Number of mines working	Average days worked	Number of mines working	Average days worked	Number of mines working	Average days worked	Number of mines working	Average days worked	Number of mines working	Average days worked	Number of mines working	Average days worked	
1	16	1	17	1	16	2	22	2	23	2	26	First.
4	14	5	21	7	18	11	23	11	21	11	23	Second.
7	18	9	20	11	18	12	17	11	15	10	19	Third.
2	12	2	25	2	24	21	15	22	15	22	19	Fourth.
4	9	6	18	7	22	8	19	9	21	10	20	Fifth.
1	7	1	20	1	24	11	15	13	17	13	17	Sixth.
4	19	5	23	7	20	14	17	15	17	15	19	Seventh.
1	25	14	16	18	14	31	15	30	14	30	16	Eighth.
1	24	6	12	9	17	19	17	19	15	18	19	Ninth.
3	17	5	20	6	23	16	18	13	17	15	17	Tenth.
2	16	4	11	6	15	19	14	21	14	21	17	Eleventh.
												Twelfth.
30	16	58	18	75	19	181	18	185	17	186	19	The State..

TABLE 8—RELATIVE RANK OF COUNTIES PRODUCING 1,000,000 TONS OR MORE. 1927-1923.

County	1927		1926		1925		1924		1923	
	Rank	Tons	Rank	Tons	Rank	Tons	Rank	Tons	Rank	Tons
Franklin.....	1	10,360,881	1	15,741,550	1	13,082,622	1	12,240,925	1	12,845,450
Williamson.....	2	5,041,593	2	8,198,354	2	8,041,166	2	9,474,292	2	9,694,678
Macoupin.....	3	3,306,496	3	6,291,897	3	6,213,109	4	6,056,867	3	6,829,113
Saline.....	4	3,173,201	5	4,740,946	5	4,338,377	5	4,789,693	6	4,000,904
Sangamon.....	5	3,119,517	4	5,476,167	4	5,471,826	3	6,969,120	4	6,798,804
St. Clair.....	6	3,083,070	8	3,427,422	9	2,000,369	6	4,482,875	5	5,122,518
Vermilion.....	7	2,741,682	9	3,147,823	7	3,547,184	8	3,761,496	8	3,879,391
Christian.....	8	2,707,681	6	4,295,495	6	3,823,214	7	3,825,663	9	3,610,774
Madison.....	9	2,261,549	7	3,531,760	8	3,100,494	9	3,445,893	7	4,037,333
Perry.....	10	1,641,691	10	2,327,290	11	2,062,345	12	2,040,676	12	2,120,025
Fulton.....	11	1,633,925	12	1,852,022	12	1,950,740	11	2,060,651	11	2,289,781
Montgomery.....	12	1,034,245	11	1,865,294	10	2,156,726	10	2,535,625	10	2,678,017
Jackson.....	13	1,007,299	13	1,794,831	13	1,497,263	13	1,539,674		

TABLE 9—NUMBER OF MINES OPERATED, AVERAGE DAYS WORKED AND TONS MINED EACH MONTH FOR FOUR YEARS—SHIPPING MINES

Month	1927			1926			1925			1924		
	Number of mines worked	Average days worked	Tons produced	Number of mines worked	Average days worked	Tons produced	Number of mines worked	Average days worked	Tons produced	Number of mines worked	Average days worked	Tons produced
January.....	221	21	8,249,724	206	19	7,028,104	236	20	8,171,327	302	21	9,146,625
February.....	219	20	8,041,663	205	15	5,280,662	231	13	5,084,111	298	16	7,173,915
March.....	218	22	9,528,946	189	17	5,741,023	202	14	4,866,666	278	13	5,445,671
April.....	22	12	226,147	171	16	4,706,814	173	11	3,700,159	225	11	3,689,314
May.....	19	14	226,014	157	13	3,774,146	162	12	3,870,779	196	12	3,714,795
June.....	24	16	260,538	155	13	4,026,870	154	13	3,789,907	178	13	3,603,391
July.....	30	16	350,422	134	17	4,281,442	166	13	4,278,606	182	13	3,897,426
August.....	58	18	691,351	169	15	4,819,411	182	16	5,293,423	188	14	4,540,048
September.....	75	19	963,833	181	16	5,277,073	191	16	5,365,304	214	16	6,239,427
October.....	181	18	4,649,119	194	19	6,501,154	200	19	6,834,514	227	17	6,845,167
November.....	185	17	5,430,136	223	20	7,936,541	205	18	6,576,945	225	15	5,841,149
December.....	186	19	6,308,540	231	21	8,463,201	208	20	7,483,093	236	18	7,334,048
Total.....	241	112	44,926,433	244	155	67,836,441	255	141	65,314,834	329	183	67,470,976

TABLE 10—CLASSIFICATION OF MINE

Number	Name of operator	Post office of mine	Underground												
			Cagers	Drivers	Boss Drivers	Electricians and helpers	Mine examiners	Mine managers	Machine miners	Pick miners	Motormen and assistants	Machine helpers	Machine runners	Pumpmen and pipemen	Shot firers
BUREAU COUNTY—FIRST DISTRICT															
1	St. Paul Coal Co., No. 2	Cherry	5	28	1		1	2		448				1	
2	Spring Valley Coal Co. No. 3	Spring Valley	2	25	1	1	2	1		295					
Total			7	53	2	1	3	3		743				1	
GRUNDY COUNTY—FIRST DISTRICT															
1	Sunlight Coal Co., No. 7	Verona	2	18		6	3	1	170		14	12	12	6	
HENRY COUNTY—FIRST DISTRICT															
1	Shuler Coal Mining Co.	Alpha	1	11			2	2		160					2
LA SALLE COUNTY—FIRST DISTRICT															
1	Illinois Zinc Co., No. 3	Peru	2	7			1	1		118	1				
2	LaSalle Co., Carbon Coal Co., No. 1	LaSalle	2	16	1		1	1	110	100	2		9		
3	LaSalle Co., Carbon Coal Co., Union	Peru	2	11	1		1	1	141		1		18		
4	LaSalle Co., Carbon Coal Co., LaSalle	LaSalle	2	11	1	2	1	1	102		1		12	1	
Total			8	45	3	2	4	4	353	218	5		39	1	
MERCER COUNTY—FIRST DISTRICT															
1	Alden Coal Co., No. 7	Matherville	1	10	1		1	1		90	2			2	3
LOGAN COUNTY—SECOND DISTRICT															
1	Brewerton Coal Co., No. 92	Lincoln	2	25	2	1	2	1	6	236	5		2		4
PEORIA COUNTY—SECOND DISTRICT															
1	Crescent Coal Co., No. 1	Peoria		30	1	6	1	2	249		6	15	15	6	4
2	Crescent Coal Co., No. 6	Pecria	2	22	1	2	1	1	77	100	2	5	5	2	4
3	Dorthel Coal Co., No. 1	Hanna City	2	9	1	3	1	1	137		2	9	9		4
4	Crescent Coal Co., No. 5	Peoria		12	1	1	1	1	145		2	7	7	2	4
5	Central West Coal Co., No. 3	Edwards		6			1	1	60	14	2	3	3		4
6	East Mapleton Coal Co.	Mapleton		1			1	1	16						
7	Glasford Coal Co., No. 4	Glasford	2	5			1	1		60	2				
Total			6	85	4	12	7	8	684	174	16	39	39	10	20

EMPLOYEES—SHIPPING MINES

Underground								On surface														Total— All employees	Number	
Shot fire runners	Spraggers	Stabblers	Timbermen	Trackmen and bratticemen	Trappers	Others underground	Total underground	Blacksmiths	Blacksmith helpers	Carpenters	Engineers		Firemen	Top foremen	Machinists and helpers	Superintendents	Stabblers—top	Watchmen	Weightmen	Office employees at mine	Others on surface			Total on surface
...	...	1	6	3	3	29	528	1	1	2	3	1	4	1	2	1	1	1	1	4	22	44	572	1
...	4	2	2	3	3	22	363	1	1	1	3	1	3	1	...	...	...	1	1	3	17	32	395	2
...	4	3	8	6	6	51	891	2	1	3	6	2	7	2	2	1	2	2	2	7	39	76	967	
...	2	...	14	20	3	5	288	1	1	1	3	1	2	1	1	1	1	...	2	2	15	32	320	1
...	1	1	2	4	1	3	190	1	...	...	1	1	...	1	...	1	1	1	1	1	5	13	203	1
...	...	...	1	1	...	6	138	1	...	...	2	...	1	...	1	1	1	1	...	5	13	151	1	
...	3	1	2	2	1	14	265	1	2	1	3	...	1	1	...	1	...	...	...	10	20	285	2	
...	1	1	14	2	...	...	194	2	2	1	3	...	1	...	...	...	...	...	...	11	20	214	3	
...	1	1	5	1	...	...	142	1	2	1	3	...	1	1	2	...	1	...	...	5	17	159	4	
...	5	3	22	6	1	20	739	5	6	3	11	...	2	4	2	1	2	2	1	...	31	70	809	
...	...	1	1	2	...	3	118	1	...	...	2	1	...	...	...	1	...	1	1	1	4	11	129	1
...	2	1	6	7	6	2	310	2	...	1	3	2	2	1	1	1	2	...	1	2	10	28	338	1
...	...	...	4	11	4	14	368	2	...	2	...	...	1	1	1	1	1	1	1	2	11	23	391	1
...	2	...	1	12	4	11	254	2	...	...	1	...	1	...	1	1	1	1	2	10	19	273	2	
...	1	1	2	3	1	...	186	1	1	1	3	...	...	...	...	1	1	1	1	3	11	197	3	
...	...	2	7	1	...	5	198	1	1	...	1	...	1	...	1	1	1	1	1	5	13	211	4	
...	...	...	...	...	1	...	95	1	...	...	...	...	...	...	1	...	1	1	1	2	6	101	5	
...	...	...	...	...	...	...	19	1	...	...	...	...	...	...	...	1	...	1	...	1	3	22	6	
...	...	2	2	1	...	...	76	1	...	...	2	...	...	1	...	1	1	1	1	3	11	87	7	
...	3	1	11	35	12	30	1,196	9	2	3	7	...	...	4	1	2	4	4	7	8	35	86	1,282	

TABLE 10—

Number	Name of operator	Post office of mine	Underground												
			Cagers	Drivers	Boss drivers	Electricians and helpers	Mine examiners	Mine managers	Machine miners	Pick miners	Motormen and assistants	Machine helpers	Machine runners	Pumpmen and pipemen	Shot firers
TAZWELL COUNTY—SECOND DISTRICT															
1	Lake Erie Mining Co.	Peoria.	10	1	2	2	2	109	4	8	8	1	2		
2	Crescent Coal Co., No. 2.	E. Peoria.	16	1	2	1	1	212	6	9	9	5	2		
3	Ubben Coal Co., Ubben.	Pekin.	3			1	1	30	1	4	4				
Total.			29	2	4	4	4	351	11	21	21	6	4		
WOODFORD COUNTY—SECOND DISTRICT															
1	W. G. Sutton.	Minonk.	8			1	1	167	2						
2	J. T. Barron Co.	Roanoke.	7	1		1	1	103	2						
Total.			15	1		2	2	270	4						
FULTON COUNTY—THIRD DISTRICT															
1	United Electric Coal Co., No. 9	Cuba.													
2	Canton Coal Co.	Norris.	14	1	3	1	2	174		8	12	12		2	
3	Dorthel Coal Co., No. 2.	Farmington.	12		2	1	1	122	24	2	7	7		4	
4	Saline Co. Coal Corp., No. 22.	St. David.	8		3	1	3	120		3	10	10	3	2	
5	Dorthel Coal Co., No. 3.	Farmington.	7			1	1	18	89	1			1	4	
6	Rawalt Coal Co.	Canton.	5	1	1	1	2	48	11	2	3	3	1	2	
7	Silver Creek Col. Co., No. 1.	Farmington.	9		1	1	1	55	68	3	3	3	1	2	
8	Alden Coal Co., No. 5.	Farmington.	2		1	1	1	36			2	2		2	
9	Putnam Coal Co.	Breeds.	2			1	1		19					2	
10	Tony Tomlianovich.	R. R. 6, Canton.	2				1	6			1	1			
11	G. and L. Coal Co.	Breeds.	1						8						
12	Breeds Coal Co.	Breeds.	2			1	1		60				1		
13	Cuba Coal Co.	Cuba.	1						4						
14	Farmington Coal Mining Co.	Farmington.			1		1	13		1		2	2	1	
Total.			13	65	2	12	9	15	592	283	20	38	40	9	21
KNOX COUNTY—THIRD DISTRICT															
1	Galesburg Mining Co., No. 1.	Galesburg.	7	1		1	1		80	1			1	2	
CHRISTIAN COUNTY—FOURTH DISTRICT															
1	Peabody Coal Co., No. 7.	Kincaid.			13	3	8	520		42	26	54			
2	Peabody Coal Co., No. 8.	Tovey.	1	1	20	3	7	650		38	62	62	2		
3	Peabody Coal Co., No. 9.	Langleyville.			14	3	6	515		42	42	42	2		
4	Peabody Coal Co., No. 58.	Taylorville.			6	2	1		653	37			1	4	
5	Penewell Coal Co.	Pana.	13	1		2	1	8	256	2					
6	Pana Coal Co., No. 2.	Pana.	12	1		1	1	164		2					
7	Pana Coal Co., No. 1.	Pana.	4				1		67	1					
8	Quality Coal Co.	Edinburg.	4			1	1		21					2	
9	Assumption Coal Co., No. 1.	Assumption.	4			1	1	30	10		2	2			
Total.			17	38	3	53	17	27	1,887	1,007	164	132	160	5	6

Continued.

Underground							On surface															Total—All employees	Number		
Shot firers runners	Spraggers	Stablemen	Timbermen	Trackmen and bratticemen	Trappers	Other underground	Total underground	Blacksmiths	Blacksmith helpers	Carpenters	Engi- neers		Firemen	Top foremen.	Machinists and helpers	Superintendents	Stablemen—top	Watchmen	Weightmen	Office employees at mine	Others on surface			Total on surface	
...	...	2	...	4	3	1	...	157	1	1	1	1	...	1	...	1	1	2	6	14	171	1
...	2	5	1	...	5	280	1	1	...	2	1	...	1	1	1	1	1	5	13	293	2
...	...	1	...	1	47	1	1	1	1	1	1	1	2	7	54	3
...	...	2	...	7	9	2	5	484	3	1	1	3	3	...	1	1	2	3	3	13	34	518	
...	...	1	1	2	2	...	...	185	1	...	...	2	...	...	1	1	...	...	1	...	3	9	194	1
...	...	...	1	1	1	...	...	125	1	...	1	1	1	2	1	...	1	...	1	2	4	15	140	2
...	...	1	1	6	3	1	...	310	2	...	1	3	1	2	2	1	1	...	2	2	7	24	334		
...	...	...	...	...	...	...	...	...	1	3	1	1	23	...	1	3	1	...	2	1	112	150	150	1
...	...	1	2	8	1	6	...	250	1	1	...	3	...	1	1	...	1	...	1	...	4	13	263	2	
...	...	1	2	5	...	5	...	196	2	1	...	1	2	...	1	2	...	...	1	...	5	15	211	3
...	...	2	6	2	2	...	...	176	1	1	1	...	...	1	...	1	...	1	1	2	11	20	196	4
...	...	2	2	2	...	2	...	129	1	1	...	1	1	...	...	...	1	1	1	2	1	9	138	5
...	...	1	2	3	...	3	...	87	1	...	1	2	...	1	...	1	...	1	1	4	11	98	6		
...	...	2	5	...	3	...	...	158	1	...	1	1	1	...	1	...	1	1	1	5	11	169	7	
...	...	1	...	...	...	...	...	49	1	...	1	...	...	1	...	1	...	1	1	1	5	54	8	
...	...	...	...	...	...	...	...	25	...	...	...	...	...	1	...	...	...	2	...	1	3	28	9	
...	...	...	...	...	...	...	...	11	...	...	...	...	...	...	...	...	...	...	...	...	...	11	10	
...	...	1	1	4	4	2	...	78	...	...	...	2	...	...	...	...	...	...	...	...	4	6	84	12
...	...	...	...	...	...	...	...	7	...	...	1	...	...	...	...	...	...	...	...	...	...	1	8	13
...	...	...	1	...	...	...	...	23	...	...	1	1	...	...	...	...	1	1	...	...	...	4	27	14
...	3	3	21	28	5	19	1,198	9	7	3	12	30	1	6	5	3	1	5	10	8	149	249	1,447		
...	2	1	1	4	...	2	105	1	...	1	2	...	...	...	1	1	...	...	...	1	8	15	120	1
...	3	...	10	25	...	55	761	2	2	2	3	...	...	1	1	1	1	2	3	3	38	59	820	1
...	2	...	10	26	...	28	914	3	2	5	3	...	...	1	1	1	1	2	3	3	25	50	964	2
...	2	...	12	22	...	56	760	4	3	3	3	...	...	1	1	2	1	1	2	3	43	70	830	3
...	2	...	16	17	...	20	761	2	2	1	3	1	...	1	1	1	1	1	2	3	18	37	798	4	
...	4	1	6	4	6	14	320	2	...	1	3	1	...	4	1	1	1	...	1	4	18	36	356	5	
...	1	1	3	2	3	13	206	1	1	...	3	1	1	3	1	1	...	1	...	...	7	19	225	6
...	...	1	1	1	...	5	83	...	...	1	3	1	1	...	1	...	1	...	1	4	9	21	104	7
...	...	...	1	1	1	...	32	1	...	1	1	1	...	1	...	2	1	...	1	1	1	9	41	8
...	...	...	1	1	...	2	56	1	...	...	1	2	1	1	1	...	1	...	1	1	2	11	67	9
...	14	2	59	99	10	193	3,893	16	10	13	23	6	12	7	6	10	3	7	16	22	161	312	4,205		

TABLE 10—

Number	Name of operator	Post office of mine	Underground													
			Cagers	Drivers	Boss drivers	Electricians and helpers	Mine examiners	Mine managers	Machine miners	Pick miners	Motormen and assistants	Machine helpers	Machine runners	Pumpmen and pipemen	Shot firers	
SANGAMON COUNTY—FOURTH DISTRICT																
1	Panther Creek Mines, Inc., No. 1	Auburn	1			2	2	7		4	660	38			4	
2	Buckley Coal Co., "B"	Springfield	2	15		1	2	2			371	8			4	
3	Peabody Coal Co., No. 55	Springfield	3	30		1	2	1			550	6			6	
4	Peabody Coal Co., No. 57	Springfield	2	26		2	2	4			430	8		1	5	
5	Peabody Coal Co., No. 53	Springfield	2	21	3	1	2	1			470	5			4	
6	Peabody Coal Co., No. 6	Sherman	2	25				2	1		580	8			6	
7	Peabody Coal Co., No. 52	Riverton	2	27		1	3	1			485	9			7	
8	Central Illinois Coal Min. Co.	Springfield	1	16			1	1			175	6			2	
9	Sangamon Coal Co., No. 2	Springfield	1	22	1			2	1		315	4		1	4	
10	Peabody Coal Co., No. 51	Springfield	1	19	2					30	291	2	1	1	2	
11	Brewerton Coal Co., No. 81	Springfield	2	20				2	1		180	4			4	
12	Illinois Coal Corp., No. 1	Springfield	1	12		1	1	3			200	5		1	2	
13	New North Coal Mining Co.	Springfield	2	15	1		1	1			145	4			2	
14	Panther Creek Mines, Inc., No. 3	Springfield	1	21			1	1	2		298	6			4	
15	Chicago-Springfield Coal Co.	Springfield	2	14	1			2	1		177	8			4	
16	Panther Creek Mines, No. 4	Springfield	1	13			1	1			238	6			4	
Total			26	296	8	11	27	27		34	5,565	127	1	1	4	64
EDGAR COUNTY—FIFTH DISTRICT																
1	Twin States Mining Co., Twin States	Paris														
MACON COUNTY—FIFTH DISTRICT																
1	Macon Co. Coal Mining Co.	Decatur	2	16	1	3	1	3	165		4	9	9			
VERMILION COUNTY—FIFTH DISTRICT																
1	U. S. Fuel Co., Bunsen	Georgetown	4	25		7	6	1	570	117	27	26	26		7	
2	U. S. Fuel Co., Vermilion	Georgetown	4	42		8	7	1	486	74	16	22	22	1	6	
3	United Elec. Coal Co., No. 1	Danville														
4	United Elec. Coal Co., No. 12	Danville														
5	Peabody Coal Co., No. 24	Danville	2	15		6	1	1	65	15	6	8	8		1	
6	McComb Coal Co.	Danville		1						12						1
7	Taylor-English Co.	Catlin	1	4	1			1	1	48						2
8	United Electric, No. 14	Danville		2		2		1	6					4		
Total			11	89	1	23	15	5	1,127	266	49	56	60	1	17	

Continued.

Underground										On surface															
Shot firers runners	Spraggers	Stablemen	Timbermen	Trackmen and braticemen	Trappers	Others underground	Total underground	Blacksmiths	Blacksmith helpers	Carpenters	Engi- neers		Firemen	Top foremen	Machinists and helpers	Superintendents	Stablemen—top	Watchmen	Weightmen	Office employees at mine	Others on surface	Total on surface	Total —All employees	Number	
											Hoisting	Other													
...	2	...	18	22	2	13	775	2	...	2	3	1	4	1	...	1	...	1	...	1	4	20	39	814	1
...	3	1	10	14	2	5	440	2	...	2	3	1	1	1	...	1	...	1	...	1	5	7	24	464	2
...	2	1	14	14	4	26	660	2	...	...	3	...	2	1	...	1	1	...	3	4	7	24	684	3	
...	3	1	16	12	8	...	520	2	...	...	3	1	2	1	1	1	...	1	...	2	3	13	30	550	4
...	3	1	...	...	...	...	513	2	1	3	3	...	2	1	...	1	...	1	...	3	5	...	21	534	5
...	3	1	14	16	4	17	679	2	2	2	3	1	2	1	...	1	...	1	...	2	3	17	39	718	6
...	2	1	10	14	2	6	570	3	1	3	3	1	3	1	2	1	1	1	...	2	4	12	37	607	7
...	2	1	2	6	2	5	220	1	1	1	3	...	1	...	1	...	1	...	1	3	9	20	240	8	
...	1	1	3	4	4	16	380	2	1	1	1	3	1	1	...	1	...	1	...	1	1	8	20	400	9
...	2	1	6	10	2	6	378	2	1	2	3	...	1	1	...	1	...	1	...	2	3	8	24	402	10
...	1	1	6	4	2	12	239	1	1	1	3	1	...	1	...	1	...	1	1	2	6	20	259	11	
...	3	1	6	10	4	10	260	2	...	...	3	...	1	1	...	1	...	1	1	2	1	6	18	278	12
...	1	1	4	4	5	19	205	1	...	1	3	...	1	1	...	1	1	1	3	2	...	15	220	13	
...	1	1	8	10	4	16	374	2	...	...	3	...	1	1	...	1	...	1	...	2	2	12	24	398	14
...	1	1	8	6	1	...	226	2	...	1	3	...	2	...	...	...	...	1	2	2	4	17	243	15	
...	2	1	7	5	3	6	288	1	...	1	1	2	1	1	...	1	1	...	2	3	4	18	306	16	
...	32	15	132	151	49	157	6,727	29	7	20	44	11	24	15	3	13	6	6	30	49	133	390	7,117		
...	...	...	...	...	...	...	...	1	...	...	...	4	3	1	...	1	...	1	...	...	14	25	25	1	
...	...	1	2	3	...	41	260	1	1	...	3	1	1	1	...	1	...	1	1	6	9	26	286	1	
...	4	2	42	56	13	83	1,016	2	2	1	4	...	2	1	...	1	...	1	...	1	5	39	58	1,074	1
...	4	2	38	37	15	77	862	2	2	1	4	...	3	1	...	1	...	1	...	1	4	16	36	898	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	162	162	162	3	
...	1	1	21	11	...	132	294	2	2	4	2	2	3	1	...	1	...	1	...	2	3	56	56	56	4
...	...	...	2	2	...	16	16	1	...	...	1	...	...	...	...	1	...	...	...	...	...	...	3	19	6
...	...	...	2	2	...	...	62	1	...	1	...	1	...	1	...	...	...	1	...	...	4	8	70	7	
...	...	...	1	...	...	...	16	1	...	...	...	...	...	...	...	...	...	...	...	...	2	3	19	8	
...	9	5	104	108	28	292	2,266	9	6	6	12	2	9	3	1	4	...	...	5	12	296	365	2,631		

TABLE 10—

Number	Name of operator	Post office of mine	Underground												
			Cagers	Drivers	Boss drivers	Electricians and helpers	Mine examiners	Mine managers	Machine miners	Pick miners	Motormen and assistants	Machine helpers	Machine runners	Pumpmen and pipemen	Shot firers
MACOUPIN COUNTY—SIXTH DISTRICT															
1	Consolidated Coal Co., No. 15	Mt. Olive.....	2	20	1	8	4	1	500	.....	34	24	24	1	3
2	Superior Coal Co., No. 3.....	Gillespie.....	3	1	.....	10	4	6	406	.....	34	23	23	.....	.....
3	Superior Coal Co., No. 4.....	Gillespie.....	3	.....	.....	14	5	7	568	.....	44	32	32	.....	.....
4	Superior Coal Co., No. 2.....	Gillespie.....	3	24	.....	8	4	6	410	.....	20	29	29	.....	.....
5	Superior Coal Co., No. 1.....	Gillespie.....	3	9	.....	6	4	6	308	.....	22	22	22	.....	.....
6	Consolidated Coal Co., No. 7..	Staunton.....	2	17	1	6	4	1	496	.....	33	22	22	1	2
7	Gillespie Coal Co.....	Gillespie.....	1	14	1	2	1	1	144	.....	2	8	8	1	.....
8	Madison Coal Corp., No. 5.....	Mt. Olive.....	1	14	.....	1	1	1	140	.....	10	22	22	1	.....
9	South Mine Coal Co.....	Carlinsville.....	.....	2	.....	.....	.....	1	14	.....	.....	1	1	.....	.....
Total.....			18	101	3	55	27	30	2,986	.....	199	183	183	4	5
MONTGOMERY COUNTY—SIXTH DISTRICT															
1	Ind. and Ill. Coal Corp., No. 10	Nokomis.....	4	.....	2	10	3	1	248	507	50	5	5	1	.....
2	Cosgrove-Meehan Coal Co., No. 5.....	Panama.....	2	27	1	9	4	6	320	.....	24	18	31	.....	6
3	Hillsboro Coal Co.....	Hillsboro.....	2	20	1	2	2	3	140	.....	8	2	20	2	.....
Total.....			8	47	4	21	9	10	708	507	82	25	56	3	6
SHELBY COUNTY—SIXTH DISTRICT															
1	Moweaqua Coal M. Co., No. 1	Moweaqua....	1	4	.....	1	1	1	62	.....	1	6	6	.....	.....
BOND COUNTY—SEVENTH DISTRICT															
1	Pocahontas Mining Co., No. 1	Pocahontas....	1	18	1	4	2	1	200	50	4	14	14	.....	2
MADISON COUNTY—SEVENTH DISTRICT															
1	Mt. Olive and Staunton C., No. 2.....	Staunton.....	1	41	1	11	3	5	438	.....	6	32	32	.....	.....
2	Lumaghi Coal Co., No. 2.....	Collinsville.....	1	4	.....	6	3	7	380	.....	28	24	24	.....	.....
3	Madison Coal Corp., No. 2.....	Glen Carbon.....	4	26	1	7	3	6	345	.....	12	24	24	1	.....
4	New Staunton Coal Co., No. 1	Livingston.....	2	.....	1	8	4	2	405	.....	34	27	27	.....	2
5	Donk Bros. C. & C. Co., No. 4	Edwardsville.....	1	1	.....	9	3	10	360	.....	51	28	28	.....	.....
6	Troy Coal Co., No. 1.....	Troy.....	1	9	.....	1	1	1	85	.....	2	4	4	.....	.....
7	Lumaghi Coal Co., No. 3.....	Collinsville.....	1	11	.....	1	1	.....	.....	140	3	.....	.....	.....	2
8	Bullock Mining Co.....	Collinsville.....	2	7	.....	3	1	.....	.....	58	.....	.....	.....	.....	2
9	O. L. Winkle Coal Co.....	Edwardsville.....	2	6	.....	1	1	.....	.....	75	2	.....	5	.....	.....
10	Bunker Hill Coal Co.....	Collinsville.....	1	4	.....	1	1	28	.....	.....	2	2	.....	.....	.....
11	Collinsville Coal Corp.....	Collinsville.....	1	2	.....	1	1	.....	36	.....	.....	.....	.....	.....	2
12	Carlin Coal Co.....	Bethalto.....	.....	2	.....	.....	1	1	.....	10	.....	2	2	.....	.....
13	East Side Coal Co.....	Edwardsville.....	1	2	.....	1	.....	.....	17	.....	.....	.....	.....	.....	2
14	Henrietta Coal Co.....	Edwardsville.....	1	2	.....	1	1	.....	18	.....	.....	.....	.....	.....	.....
Total.....			19	117	3	43	26	37	2,041	356	140	143	148	1	10

Continued.

Underground							On surface																	Total —All employees	Number
Shot firers runners	Spraggers	Stablemen	Timbermen	Trackmen and bratticemen	Trappers	Other underground	Total underground	Blacksmiths	Blacksmith helpers	Carpenters	Engi- neers		Firemen	Top foremen	Machinists and helpers	Superintendents	Stablemen—top	Watchmen	Weightmen	Office employees at mine	Others on surface	Total on surface			
5	3	1	14	33	4	24	706	3	4	3	4	...	4	1	3	1	...	2	1	1	19	45	751	1	
...	...	...	15	43	...	69	639	3	2	2	4	...	5	1	...	...	1	2	1	1	19	41	680	2
...	...	...	38	64	...	65	874	3	1	1	4	...	3	1	...	...	1	2	1	1	12	35	909	3
...	...	2	7	46	...	52	642	3	1	1	4	...	4	1	...	...	1	2	1	1	19	37	679	4
...	...	1	20	32	...	57	514	2	2	3	4	...	5	1	...	...	1	2	1	1	10	31	545	5
...	...	1	14	31	4	25	684	3	3	3	4	...	3	2	3	1	1	2	2	1	29	53	737	6	
...	...	1	2	8	1	13	211	1	1	2	2	...	4	1	1	1	...	...	1	5	14	225	7	
...	...	1	6	6	...	30	258	3	1	2	2	...	1	1	1	1	...	...	1	2	15	34	292	8
...	...	...	...	1	...	...	20	1	...	...	2	...	...	...	...	...	...	...	1	1	...	5	25	9
5	18	7	116	264	9	335	4,548	22	15	20	31	...	28	9	7	4	4	2	16	9	128	295	4,843		
...	4	...	22	26	1	25	914	3	3	1	3	...	...	1	2	1	1	...	2	3	30	50	964	1
...	2	1	18	28	8	22	527	3	1	5	4	...	6	1	2	1	1	1	2	2	16	44	571	2	
...	2	1	20	20	6	8	259	2	...	2	3	1	4	...	1	1	1	1	1	1	8	26	285	3	
...	8	2	60	74	15	55	1,700	8	4	8	10	1	10	2	5	3	2	2	5	6	54	120	1,820		
...	1	...	3	1	1	...	89	1	1	...	1	2	1	...	...	1	...	...	1	1	4	13	102	1
...	1	1	10	7	6	4	340	3	1	2	3	...	2	1	...	1	...	...	1	1	12	27	367	1
2	2	1	3	36	12	50	676	2	2	2	4	1	3	1	2	1	...	1	2	6	25	52	728	1	
...	7	1	16	22	1	17	541	2	3	2	1	2	4	1	2	1	...	1	3	22	44	585	2		
...	3	2	30	14	3	25	530	3	1	3	3	...	4	1	2	...	1	1	4	22	45	575	3		
...	4	...	1	22	6	13	558	3	1	1	4	...	4	1	1	2	1	1	3	9	34	592	4		
...	2	...	12	23	2	25	555	2	1	1	4	...	2	1	1	1	1	1	7	28	50	605	5		
...	...	7	4	2	15	...	140	1	...	1	3	...	2	...	...	...	...	...	1	5	13	153	6	
...	1	1	3	6	1	12	78	1	...	1	3	...	1	...	...	1	...	1	1	3	13	196	7	
...	...	2	1	...	...	...	96	1	...	2	...	...	...	...	...	1	...	1	1	7	85	8		
...	...	1	3	...	...	...	183	1	...	1	...	...	...	...	...	1	...	1	1	3	10	106	9	
...	...	...	1	...	...	...	78	1	...	1	...	...	...	1	...	1	...	1	1	1	4	44	10	
...	...	1	2	...	...	...	40	1	...	1	...	...	...	1	...	1	...	1	1	4	10	56	11	
...	...	...	...	...	...	...	46	1	...	1	...	...	...	...	...	1	...	...	...	1	3	20	12	
...	...	...	...	...	...	...	17	...	...	1	...	...	...	...	...	...	...	...	...	1	2	25	13	
...	...	...	...	...	...	...	23	...	...	1	...	...	...	...	...	...	...	...	...	...	3	26	14	
...	...	...	...	...	...	...	23	...	...	1	...	...	...	...	...	...	...	...	...	...	...	3	26	14
4	19	5	77	133	27	157	3,506	18	8	11	30	3	21	7	8	9	1	7	13	30	124	290	3,796		

TABLE 10—

Number	Name of operator	Post office of mine	Underground												
			Cagers	Drives	Boss drivers	Electricians and helpers	Mine examiners	Mine managers	Machine miners	Pick miners	Motormen and assistants	Machine helpers	Machine runners	Pumpmen and pipemen	Shot firers
MARION COUNTY—SEVENTH DISTRICT															
1	Marion Co. Coal Co.	Centralia	1	19	1	4	2	5			17	16	16		
2	Odin Coal Co.	Odin	5	12		1	1	1	130		4	10	10		
Total.			6	31	1	5	3	6	130		21	26	26		
CLINTON COUNTY—EIGHTH DISTRICT															
1	Southern Coal, Coke and Mining Co., No. 9.	New Baden	1			5	2	4	249		24	18	18	1	
2	Breese-Trenton Mining Co., Beck	Beckemeyer	3	22	2	3	2	1	215		8	9	9		
3	Breese-Trenton Mining Co., E. B.	Breese	2	9		2	1	1	132		8	6	6		
4	Breese-Trenton Mining Co., North	Breese	1	13	1	1	1	1		175	4				2
Total.			7	44	3	11	6	7	596	175	44	33	33	1	2
ST. CLAIR COUNTY—EIGHTH DISTRICT															
1	St. Louis & O'Fallon Coal Co., No. 2.	E. St. Louis	4	29	1	6	3	1	364		20	26	26		
2	Southern Coal, Coke and Mining Co., No. 7.	Belleville	2	16		4	1	2	43		2				2
3	Southern Coal, Coke and Mining Co., No. 8.	Belleville	2	2	1	3	2	3	177		16	12	12		
4	Mulberry Hill Coal Co.	Freeburg	1	12			1	1	3	170	4				2
5	Perry Coal Co., St. Ellen.	O'Fallon	2	16	1		1	1		234	4				2
6	Gundlach Coal Co.	E. St. Louis	1	4		1	1	1	68		2	4	4	1	
7	Perry Coal Co., Carbon	O'Fallon	1	6	1		1	1		135	4				2
8	Consolidated Coal Co., No. 17	Collinsville	5	24	1	4	2	3	226		4	14	14	1	
9	Perry Coal Co., Taylor.	O'Fallon	1	7	1		1	1		160	2				2
10	New Nat'l Coal & Mining Co.	Belleville	2	2			1	1		76	2				6
11	Groom Coal Co.	Belleville	1	6		1	1	1		92	2				2
12	Golden Rule Coal Co.	Lenzburg	3	7	1		1	1		87	2				2
13	Egyptian C. & M. Co., Meek.	Marissa	1	9		1	1	1		119	2				2
14	Aluminum Ore Co.	Belleville	1	7		1	1	1	117		6	7	7	2	
15	Ell-Rich Mining Co.	Belleville	2	4			1	1		80	1				
16	Reichert Coal Co.	Freeburg	2	8			1	1		79	2				4
17	Eldnar Coal Co.	Belleville	3	7			1	1		140	4				4
18	Guest Coal Co.	Belleville	3	4	1	1	2	1	56		2	4	4	1	
19	Quality C. & M. Co.	Belleville	2	8			1	1	12	40	1	1	1	1	2
20	Lyle Coal Co.	Marissa	2	4			1	1		68	2				2
21	St. Louis & O'Fallon C. Co., No. 1.	E. St. Louis	1	16			1	1		135	4			1	2
22	Southern C. C. & M. Co., No. 6	Belleville	1	4			1	1		56	1				
23	United Elec. Coal Co., No. 13	Freeburg													
24	Jones Bros. Coal Co.	Marissa	1	9			1	1		62					2
25	Summit Coal Co.	Belleville	2	4			1	1		42	2				
26	Kolb Coal Co., No. 1.	Mascoutah	1	4			1	1		110	2				2
27	Kolb Coal Co., No. 2.	Mascoutah	1	6			1	1		115	2				2
28	Fullerton Coal Co.	Belleville	1	3			1	1		25	1				2
29	Service Coal Co.	Belleville	1	3			1	1		58	1				
30	Chapple and Mowe.	Caseyville	2	6	1		1	1		60	2				2
31	Egyptian C. & M. Co., O. K.	Marissa	1	5		1	1	1		83	2				2
32	Perry Coal Co., Superior	Belleville			1		1	1		2	1				
33	Columbia Coal Co., Lenzburg	Lenzburg	1	4						38	1				
34	Lou Nash Coal Co.	Rentcheler	1	3			1	1		34					
35	Howard E. Miller.	Caseyville		1						6					
36	Hippard Coal Co.	Belleville		1		1		1		13					
Total.			54	248	10	24	36	38	1,066	2,319	98	68	68	7	52

Continued.

Underground							On surface															Total—All employees	
Shot firers runners	Spraggers	Stablenmen	Timbermen	Trackmen and bratticemen	Trappers	Others underground	Total underground	Blacksmiths	Blacksmith helpers	Carpenters	Engi-neers		Firemen	Top foremen	Machinists and helpers	Superintendents	Stablenmen—top	Watchmen	Weighmen	Office employees at mine	Others on surface	Total on surface	Number
...	3	1	13	14	1	82	195	3	2	4	4	...	5	1	1	1	2	1	3	20	47	242	1
...	4	2	180	1	1	...	2	...	4	1	...	1	...	2	2	12	26	206	2
...	3	1	17	16	1	82	375	4	3	4	6	...	9	2	1	2	...	2	3	5	32	73	448
...	3	...	6	21	...	35	387	3	1	3	3	1	3	1	3	1	...	1	3	29	52	439	1
...	4	1	13	11	3	5	311	3	2	1	3	...	2	1	...	1	...	2	2	14	31	342	2
...	2	1	6	6	2	1	185	2	...	1	3	...	2	1	1	...	1	2	1	6	20	205	3
...	...	1	4	8	...	3	215	2	...	1	3	...	2	1	...	1	...	2	1	8	21	236	4
...	9	3	29	46	5	44	1,098	10	3	6	12	1	9	4	4	3	...	1	7	7	57	124	1,222
...	6	1	4	27	2	12	532	4	3	3	4	...	5	1	2	1	...	1	3	16	43	575	1
...	...	1	8	8	89	2	3	...	1	1	...	1	1	43	52	141	2
...	...	4	7	...	8	...	249	3	...	2	3	...	3	1	...	...	1	1	...	18	267	3
...	2	1	...	5	1	1	204	2	...	2	2	...	2	...	...	1	1	2	7	17	221	4
...	1	1	...	7	2	5	277	1	1	2	2	...	1	1	...	1	1	...	4	13	290	5	
...	...	4	...	...	...	...	91	1	...	1	1	...	1	...	...	1	1	1	2	8	99	6
...	1	1	...	4	...	5	162	1	...	1	2	...	1	1	...	1	1	2	2	3	13	175	7
...	2	2	7	14	5	26	354	2	1	3	3	1	4	1	1	1	1	1	3	24	378	8	
...	2	1	1	5	6	...	190	1	1	1	2	...	2	1	1	1	1	2	2	12	202	9	
...	...	1	2	...	2	...	95	1	...	...	1	...	1	...	1	1	1	...	3	8	103	10
...	...	1	2	...	1	...	110	1	...	1	2	...	2	...	1	1	1	...	3	11	121	11	
...	...	2	5	...	...	...	111	1	...	2	2	...	1	...	1	1	1	1	4	11	122	12
...	1	1	1	3	...	5	146	1	...	1	2	...	1	1	1	1	1	1	2	12	158	13	
...	1	1	...	11	...	7	170	1	...	1	2	...	1	1	1	1	1	1	4	13	183	14	
...	...	1	...	4	...	6	100	1	...	1	1	...	1	...	1	1	1	1	4	12	112	15	
...	...	...	2	...	...	...	99	1	...	1	2	...	1	1	...	1	1	...	3	11	110	16
...	...	...	6	...	...	...	166	1	...	...	2	...	1	1	...	1	1	1	...	8	174	17
...	1	1	1	...	2	...	84	1	1	1	1	...	1	1	...	1	1	1	4	14	98	18	
...	...	...	3	...	1	...	74	1	...	1	1	...	1	...	1	1	1	1	2	6	80	19
...	...	...	2	1	...	...	83	1	...	2	...	1	1	...	1	1	2	...	1	10	93	20
...	2	1	...	4	2	6	176	1	1	1	2	...	1	1	...	...	1	1	6	15	191	21
...	2	1	1	4	...	...	74	1	...	1	2	...	...	1	...	...	...	1	1	7	81	22
...	...	1	1	3	...	...	81	1	...	1	2	...	1	...	...	1	1	...	60	60	60	23
...	...	1	...	1	...	...	53	1	...	1	1	...	1	...	1	1	1	...	2	8	89	24
...	...	1	2	...	3	...	131	1	...	1	2	...	1	...	1	1	2	1	4	13	144	26	
...	1	1	4	...	2	...	136	1	...	1	2	...	1	...	1	1	1	...	11	147	27	27	
...	...	1	1	...	...	...	29	...	...	...	1	...	...	...	1	1	1	...	1	3	32	28
...	...	1	...	...	...	...	66	1	...	...	1	...	...	...	1	1	1	2	9	75	29	29
...	...	...	2	...	1	...	76	...	1	...	2	...	1	1	...	1	1	...	6	82	30	30
...	1	...	...	2	...	1	100	1	...	1	2	...	1	1	...	1	1	1	3	11	111	31
...	...	...	...	...	...	...	7	...	...	...	1	...	...	...	...	1	1	...	5	10	103	32
...	...	...	3	...	1	...	49	1	...	...	1	...	...	...	1	1	1	...	1	3	54	33
...	...	...	1	...	...	...	41	1	...	...	2	...	...	...	1	1	1	...	1	5	46	34
...	...	...	...	...	...	...	7	...	...	...	1	...	...	...	...	1	1	...	1	3	10	35
...	...	...	...	...	...	...	16	...	...	...	1	...	...	...	...	...	...	...	1	2	18	36
1	23	17	34	152	14	99	4,428	39	8	26	62	3	35	17	4	15	4	10	37	23	203	486	4,914

TABLE 10—

Number	Name of operator	Post office of mine	Underground												
			Cagers	Drivers	Boss drivers	Electricians and helpers	Mine examiners	Mine managers	Machine miners	Pick miners	Motormen and assistants	Machine helpers	Machine runners	Pumpmen and pipemen	Shot firers
JACKSON COUNTY—NINTH DISTRICT															
1	Black Servant Coal Co.	Elkville.													
2	Union Col. Co.	Dowell.	2		1	14	5	24	20		60	22	22	3	6
3	Consol. C. Co., No. 10.	Murphysboro.	2	7		2	1	1	95		1		12	3	
4	Forsyth Coal Co.	DeSoto.													
5	Murphysboro M. Co.	Vergennes.		1			1	1		7					
Total.....			4	8	1	16	7	26	115	7	61	22	34	6	6
PERRY COUNTY—NINTH DISTRICT															
1	Crerar-Clinch.....	Duquoin.....	2	12	4	8	2	2	381	50	9	18	18	1	4
2	Perry Coal Co., Perco.	Corterville.	2	15		2	1	3	138	20	4	9	9		2
3	Security C. & M. Co.	Duquoin.....	1	16		5	1	3	220	6		9	9	4	
4	Pyramid Coal Corp., No. 2.	Pickneyville.													
5	Gayle Coal Co.	Duquoin.....													
6	Columbia Col. Co.	Swanwick.	1	13			1			200	4				2
7	Perfection C. Co.	Duquoin.....													
8	Paradise Coal Co.	Duquoin.....	4	20	2	2	2	1	200	45	15	15	15	2	4
9	Wilson C. & M. Co.	Cutler.	1	4			1	1	50						
10	Brewerton C. Co., No. 45.	Pickneyville.	1	7		1	1	1		100	2				2
11	Willis C. & M. Co., No. 8.	Willisville.	1	6		1	1	1	48		2	4	4	1	
12	Bailey Bros. Coal Co.	Duquoin.....	1	3			1				1				2
Total.....			14	96	6	17	11	12	1,037	421	37	55	55	8	16
RANDOLPH COUNTY—NINTH DISTRICT															
1	Moffat C. Co., No. 1.	Sparta.	2	25		1	2	1	275		9	13	13	1	
2	St. Louis C. Co., Florida.	Coulterville.	1	15	1	2	1	1	168		2	12	12		2
3	Jones Bros., Eureka No. 2.	Tilden.	2	8		1	1	1		162	4				2
4	Willis C. & M. Co., No. 7.	Sparta.	2	12	1	2	1	1	140	5	2	10	10	1	
5	Sparta C. & M. Co., No. 4.	Sparta.	1	11		2	1	1	70	20	3	6	6	1	2
Total.....			8	71	2	8	6	5	653	187	20	41	41	3	6
WASHINGTON COUNTY—NINTH DISTRICT															
1	Centralia C. Co., No. 5.	Centralia.	2			17	3	8	168	124	34	14	14		6
2	Clarkson C. & M. Co., No. 1.	Nashville.	2	7		1	1	1	75		2	5	5		
Total.....			4	7		18	4	9	243	124	36	19	19		6

Continued.

Underground										On surface												Total — All employees	Number		
Shot firers runners	Spraggers	Stablemen	Timbermen	Trackmen and bratticemen	Trappers	Other underground	Total underground	Blacksmiths	Blacksmith helpers	Carpenters	Hoisting	Other	Firemen	Top foremen	Machinists and helpers	Superintendents	Stablemen — top	Watchmen	Weightmen	Office employees at mine	Others on surface			Total on surface	
...	4	...	12	22	11	275	503	1	1	2	1	2	2	1	...	1	3	106	118	118	1	
...	3	...	4	5	1	...	137	1	1	1	4	2	2	1	2	2	1	1	2	5	40	71	574	2	
...	10	1	1	1	1	1	1	2	2	2	1	1	2	...	3	15	152	3	
...	40	52	52	4	
...	2	12	5	
...	7	...	16	27	12	275	650	5	4	6	9	2	5	7	10	4	2	1	4	10	189	258	908	...	
...	2	3	2	3	24	26	569	3	...	1	4	...	5	1	3	2	1	1	1	5	34	61	630	...	
...	2	1	3	8	1	5	226	1	2	2	2	1	2	1	4	1	1	1	1	8	17	243	2		
...	...	2	2	14	3	...	293	2	1	2	3	...	...	...	6	4	3	1	1	12	30	323	3
...	...	...	...	...	...	...	...	2	...	1	...	12	1	...	1	1	1	1	1	47	62	62	4
...	2	1	2	9	1	5	241	1	2	...	3	...	1	...	4	1	2	1	2	58	81	81	5		
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	1	1	1	2	9	21	262	6
...	1	4	2	10	20	6	370	2	2	1	3	1	5	1	1	1	1	2	1	34	50	50	7		
...	...	...	...	...	...	...	68	1	...	...	1	...	1	...	1	1	1	1	1	25	48	418	8
...	1	1	1	4	4	2	124	1	...	...	1	...	1	...	1	1	1	1	1	3	8	76	9
...	...	...	...	3	...	...	73	1	...	1	1	1	1	...	1	1	1	1	1	8	12	136	10
...	...	...	...	...	...	30	38	1	...	1	1	1	1	...	...	...	...	...	...	2	6	44	12
...	3	13	7	21	86	13	74	2,002	16	5	8	20	29	28	5	7	13	5	7	9	16	236	404	2,406	...
...	...	3	2	...	20	3	25	395	2	2	2	1	3	3	1	...	1	3	10	28	423	1	
...	2	1	7	9	1	2	239	3	...	1	3	...	1	1	1	1	1	...	1	7	20	259	2		
...	...	...	3	6	...	6	196	1	...	1	3	...	1	...	1	1	1	...	1	3	11	207	3
...	1	...	1	11	...	5	205	2	1	1	3	...	1	1	1	1	1	1	1	3	14	219	4		
...	1	1	...	4	...	...	130	1	...	2	3	...	1	...	1	...	1	1	1	2	12	142	5
...	7	4	11	50	4	38	1,165	9	3	7	13	3	7	2	2	3	1	...	5	5	25	85	1,250	...	
...	1	1	...	15	25	9	12	453	3	1	2	2	2	6	1	1	1	1	1	4	17	42	495	1	
...	3	102	1	...	1	1	2	1	1	1	...	1	...	1	11	113	2	
...	1	1	...	15	28	9	12	555	4	1	3	3	4	7	2	1	2	...	2	5	17	53	608	...	

TABLE 10—

Number	Name of operator	Post office of mine	Underground												
			Cagers	Drivers	Boss drivers	Electricians and helpers	Mine examiners	Mine managers	Machine miners	Pick miners	Motormen and assistants	Machine helpers	Machine runners	Pumpmen and pipemen	Shot firers
FRANKLIN COUNTY—TENTH DISTRICT															
1	C. W. & F. Coal Co., No. 2.	West Frankfort.	5			36	14	1	110		129	86	86	1	16
2	Bell and Zoller C. and M. Co., No. 1.	Zeigler.	3			23	11	16	771	10	93	39	38	1	12
3	Bell and Zoller C. and M. Co., No. 2.	Zeigler.	3			22	11	15	710	1	70	31	30	1	10
4	C. W. & F. Coal Co.	Orient.	3	2		7	8	15	575		2	48	48	2	10
5	Old Ben Coal Corp., No. 8.	West Frankfort.	2	1		18	9	9	457		2	48	30	40	7
6	Valier Coal Co., No. 1.	Valier.	2			12	10	1	530	10	55	26	45	1	8
7	Franklin Co. Coal Co., No. 7.	Royalton.	2			12	6	8	445	60	38	32	32	1	4
8	Old Ben Coal Corp., No. 11.	West Frankfort.	2			14	7	1	404	15	53	27	27		6
9	Old Ben Coal Corp., No. 14.	Buckner.	2			11	6	8	575		49	32	40	1	6
10	Industrial Coal Co., No. 18.	West Frankfort.	1		1	12	6	7	480		44	22	63	1	6
11	Franklin Co. Coal Co., No. 5.	Herrin.	2	33		8	5	7	310	89	8	21	21	1	4
12	Western C. & M. Co., No. 2.	Bush.				17	3	8	311	123	48	26	26	11	6
13	Industrial Coal Co., No. 19.	West Frankfort.	2	34		8	5	4	365		6	20	20	1	5
14	Old Ben Coal Corp., No. 15.	Ezra.	1			9	5	5	301		25	13	24		5
15	Old Ben Coal Corp., No. 12.	Christopher.	3			9	5	5	342	10	36	20	27		5
16	Franklin Co. Mining Co.	Benton.	2	20	1	5	3	1	260		18	21	21	1	3
17	Brewerton Coal Co., No. 21.	West Frankfort.	2	1		7	2	1	184		24	10	15	2	4
18	Black Star Coal Co.	Logan.	1	10		1	1	1	125		2		16		2
19	Old Ben Coal Corp., No. 9.	West Frankfort.	2	1		13	7	9	477		36	23	31	2	8
Total.			40	100	4	232	121	122	8,732	322	830	527	650	31	125
JEFFERSON COUNTY—TENTH DISTRICT															
1	Illinois Coal Corp., No. 10.	Nason.	3			2	1	1	62		10	4	4	3	1
GALLATIN COUNTY—ELEVENTH DISTRICT															
1	Saline Gas & Coal Co., No. 4.	Equality.	1	10	1	1	1	1		70	4	6	6	1	1
2	Saline River C. Co.	Junction.	1	12		1	1		65		4	6	6	1	
Total.			2	22	1	2	2	1	65	70	8	12	12	2	1
SALINE COUNTY—ELEVENTH DISTRICT															
1	Saline Co. C. Corp., No. 7.	Harrisburg.	1			10	7	6	468		56	16	16	4	4
2	Saline Co. Coal Corp., No. 3.	Harrisburg.	1	6	1	12	4	7	444		42	16	16	3	4
3	Wasson Coal Co., No. 1.	Harrisburg.	2	36	4	6	4	1	345		21	18	18	2	4
4	O'Gara Coal Co., No. 1.	Harrisburg.	3	45	1	3	4	5	437		12	27	27	2	3
5	O'Gara Coal Co., No. 10.	Eldorado.	3	30	1	1	4	5	273		10	16	16		4
6	O'Gara Coal Co., No. 12.	Harrisburg.	2	8	1	1	4	5	329		12	13	13	1	3
7	Saline Co. Coal Corp., No. 4.	Harrisburg.	1			5	3	4	198		21	9	9	3	2
8	O'Gara Coal Co., No. 15.	Harrisburg.	2	30	1	2	2	5	200		20	10	10	2	
9	J. K. Dering Coal Co., No. 2.	Eldorado.	1			5	1	5	60		18			1	
10	Wasson Coal Co., No. 2.	Harrisburg.	3			1	2	1	150		14	7	7	3	
11	Saline Co. Coal Corp., No. 2.	Ledford.	2	12	1	2	1	3	197		8	9	9	2	
12	O'Gara Coal Co., No. 3.	Harrisburg.	3	40	1	2	2	5	228		14	11	11	2	
13	Harrisburg Coal M. Co., No. 2.	Ledford.													
14	O'Gara Coal Co., No. 8.	Harrisburg.	2	20	1	1	2	1	102		6	8			3
15	Harrisburg Coal M. Co., No. 9.	Harrisburg.	2	4	3	6	1	2	30		5		6	3	4
16	Harrisburg Coal M. Co., No. 1.	Harrisburg.	2	4	2	2	1	1	21		8	4	6	2	2
17	Saline Valley C. Co., No. 1.	Carrier Mills.		3		1	1	1	16			1	1	1	
18	Harrisburg Coal M. Co., No. 4.	Ledford.		3		3	1	1	42		6	5	5	2	
19	Saline Gas Coal Co., No. 3.	Ledford.	1	1			1	1	12	8	3	3	3	1	1
20	Saline Co. Coal Corp., No. 6.	Harrisburg.	1	6	1	2	2	2	75		2	5	5	3	1
21	Harrisburg Coal M. Co., No. 8.	Harrisburg.													
Total.			32	247	19	66	46	61	3,627	8	278	178	186	37	35

Continued.

Underground											On surface													Total—All employees	Number
Shot firers runners	Spraggers	Stablenen	Timbermen	Trackmen and bratticemen	Trappers	Others underground	Total underground	Blacksmiths	Blacksmith helpers	Carpenters	Engi-neers		Firemen	Top foremen	Machinists and helpers	Superintendents	Stablenen—top	Watchmen	Weightmen	Office employees at mine	Others on surface	Total on surface			
											Hoisting	Other													
...	1	...	27	126	16	88	1,742	2	2	2	5	2	3	1	11	1	...	2	1	15	113	160	1,902	1	
...	6	...	24	73	15	52	1,187	3	1	5	2	3	3	1	5	1	...	1	2	7	79	113	1,300	2	
...	12	...	29	82	13	21	1,061	2	1	4	2	5	3	1	15	1	...	1	2	6	71	114	1,175	3	
...	11	...	18	60	17	44	918	2	2	8	5	...	4	1	3	1	...	1	2	9	82	121	1,039	4	
...	15	36	8	110	796	1	1	3	2	2	2	1	3	1	...	1	2	15	44	77	873	5	
...	...	...	17	36	7	30	790	3	3	2	4	...	3	1	3	1	...	2	6	30	60	850	6
...	7	...	2	34	8	...	692	1	1	6	2	2	2	3	6	1	...	1	1	58	92	784	7		
...	3	...	6	38	6	56	665	2	1	6	4	1	2	1	5	1	2	4	57	86	751	8	
...	2	...	12	56	2	12	814	1	1	1	4	...	1	1	4	...	...	2	5	56	76	890	9
...	3	...	14	27	7	18	712	2	2	4	2	1	3	1	1	...	...	1	5	39	63	775	10
...	7	...	10	30	17	21	596	4	2	2	2	2	4	1	2	1	...	1	8	44	76	672	11		
...	1	...	23	35	4	43	685	3	1	7	1	3	6	1	2	1	...	2	5	19	51	736	12		
...	4	...	14	19	10	27	544	1	1	...	3	...	4	1	1	1	...	1	3	34	56	600	13		
...	1	...	5	21	4	20	425	1	1	3	4	...	3	1	2	...	...	2	3	22	45	470	14
...	3	...	8	32	3	38	543	1	1	4	2	2	2	1	2	...	...	2	8	19	44	587	15
...	2	...	32	28	2	8	428	3	1	2	3	...	3	1	1	2	...	1	2	23	44	472	16		
...	3	...	13	24	4	5	301	2	1	3	3	...	3	1	2	1	...	1	3	28	49	350	17		
...	1	...	8	7	2	4	181	1	2	...	3	...	1	1	...	1	...	1	2	15	28	209	18		
...	...	...	16	38	9	60	732	2	2	3	2	2	2	1	4	...	...	2	6	41	67	799	19
3	67	...	293	802	154	657	13,812	37	27	65	55	25	48	19	72	13	11	24	30	122	874	1,422	15,234		
...	1	...	5	4	...	2	103	1	3	2	2	1	...	1	...	1	1	1	6	18	121	1	
...	2	...	3	4	2	1	115	1	...	...	3	...	3	1	...	1	1	1	...	4	15	130	1
...	...	...	1	...	...	5	103	1	...	...	1	...	1	1	...	1	1	1	...	6	13	116	2
...	2	...	4	4	2	6	218	2	...	...	4	...	4	2	...	1	1	2	2	10	28	246	
...	7	...	28	10	5	32	670	3	2	9	3	...	4	2	4	1	...	1	2	21	53	723	1		
...	6	1	21	13	6	47	650	2	2	8	3	...	2	3	4	1	1	1	2	21	50	700	2		
...	8	1	8	23	4	16	521	3	3	3	3	1	3	1	...	1	1	1	1	29	46	567	3		
...	6	...	30	...	15	620	2	1	2	3	3	...	2	1	1	2	1	1	1	30	48	668	4		
...	3	1	1	18	...	14	400	1	1	3	3	...	4	1	1	1	1	1	1	20	36	436	5		
...	...	...	12	42	...	...	447	2	1	2	3	...	2	1	1	1	1	1	1	21	38	485	6
...	3	...	6	14	5	12	295	3	2	6	3	...	2	1	1	3	1	1	1	6	29	324	7		
...	2	2	1	20	...	...	309	2	1	2	3	...	2	1	1	1	1	1	1	6	21	336	8
...	1	...	1	5	...	...	98	2	1	2	1	2	4	1	1	1	1	1	3	20	39	137	9
...	2	...	1	9	...	8	209	2	...	2	...	1	3	1	...	1	1	1	...	13	24	233	10		
...	3	1	7	6	2	12	277	2	1	4	2	...	2	1	2	1	1	1	1	6	23	300	11		
...	...	...	2	15	3	1	342	1	1	4	3	...	2	1	1	1	1	1	1	10	27	369	12
...	3	1	1	10	...	4	173	1	1	1	3	...	4	1	1	2	2	1	2	56	82	82	13		
...	2	2	1	3	3	25	102	2	1	3	3	...	...	1	4	1	1	1	1	...	18	120	15
...	2	2	1	3	2	4	69	1	...	...	3	...	...	1	1	1	1	1	1	4	12	81	16
...	...	...	2	...	...	...	27	...	...	...	1	...	1	...	1	...	...	...	...	1	3	30	17
...	1	...	3	3	...	...	75	1	...	2	...	...	...	...	1	1	1	1	...	...	6	81	18
...	...	...	2	4	2	4	47	1	...	...	3	...	3	1	...	...	1	1	...	2	12	59	19
...	3	1	4	4	2	6	125	3	2	...	3	...	2	1	2	1	1	1	1	4	22	147	20		
...	...	...	...	...	...	...	...	1	1	2	3	...	3	1	3	2	1	1	2	60	80	80	21
4	53	12	95	201	29	242	5,456	36	19	58	53	7	47	22	30	19	12	15	17	19	338	692	6,148		

TABLE 10—

Number	Name of operator	Post office of mine	Underground												
			Cagers	Drivers	Boss drivers	Electricians and helpers	Mine examiners	Mine managers	Machine miners	Pick miners	Motormen and assistants	Machine helpers	Machine runners	Pumpmen and pipemen	Shot firers
WHITE COUNTY—ELEVENTH DISTRICT															
1	Fireband Fuel Co.,	Norris City....	2	10		1	1	1	99		2	5	5		
WILLIAMSON COUNTY—TWELFTH DISTRICT															
1	Old Ben Coal Corp., No. 18.	Johnston City.	2			10	4	9	509	28	44	26	28	1	5
2	C. W. & F. Mining Co., "A" ..	Herrin.	3	15	2	11	4	8	430		27	24	24	2	6
3	Madison Coal Corp., No. 12.	Cambria.	3	1	1	9	3	1	480		26	33	33	6	6
4	Cosgrove-Meehan C. Co., No. 1	Johnston City.	1	6	1	6	3	7	250	75	26	11	11	7	5
5	Pratt Brothers Coal Co.	Herrin.	2	23		3	4	1	140	165	6	8	8	4	4
6	Madison Coal Corp., No. 9.	Colp.	2	1	1	6	3	1	280		26	24	24	6	6
7	Freeman Coal Mining Co.	Herrin.	2	28	1	5	3	1	260	18	8	15	15	1	4
8	Consolidated Coal Co., L. C.	Johnston City.	1		1	2	2	1	290	3	12	15	15	2	4
9	Big Muddy Co., No. 26.	Johnston City.	2	19		3	1	4	109	76	4	9	9	3	2
10	Cosgrove-Meehan Coal Co., No. 3.	Marion.	1		1	6	2	5	260		22	10	10	2	4
11	Consolidated Coal Co., No. 7.	Herrin.	3	10	1	2	2	1	274	36	20	14	14	1	4
12	Peabody Coal Co., No. 3.	Marion.	1	27	6	8	2	1	313	47	10	12	12	7	4
13	Pyramid Coal Corp., No. 1.	Marion.													
14	Cosgrove-Meehan Coal Co., No. 2.	Pittsburg.	1	10		3	2	3	170		6	9	9	1	2
15	Huskey Coal Co., No. 1.	Cambria.													
16	Old Ben Coal Corp., No. 20.	Weaver.	1	3		8	2	5	194	6	25	7	15	3	4
17	St. Louis Coal and Iron Co.	Johnston City.	1		1	2	3	1	60		10	10	10	1	3
18	Federal Coal Co., No. 25.	Cartersville.	2	19		1	1	1		189	6			3	4
19	Carbon Fuel Co.	Marion.		2		1	1	1	47		1	2	2	1	2
20	Sincerity Coal Co.	Marion.	1	12		2	2	1	50		2	7	7	1	2
21	Crerar Clinch Coal Co., McC.	Johnston City.	1	10	2	4	2	1	170		10	18	18	1	4
22	Slogo Coal Corp., Slogo.	Marion.	1	9		1	1			90	2			6	2
23	Henderson-Wallace Coal Co.	Marion.		3			1	1	45		1	2	2	1	2
24	Mammoth Coal Co.	Marion.													
25	Wall Coal and Mining Co.	Pittsburg.	2	15	1	1	1	1	35	130	4	2	2	1	2
26	McLaren Coal Co.	Cartersville.	1	2		1		1	18		1	1	1		2
27	Puritan Coal Co.	Johnston City.		4			1	1		32					2
28	Cartersville Black Diamond Coal Co., No. 3.	Herrin.	1	6			1	1		66				1	1
29	City Lake Coal Co.	Herrin.		2			1	1							
30	Ogmore Coal Co.	Cambria.					1	1		18					2
31	Peabody Coal Co., No. 16.	Cambria.	2	11		1	1	1			2		2	1	
Total.			37	238	19	95	54	62	4,384	979	301	259	271	63	88

Concluded.

Underground								On surface																	
Shot firers runners	Spraggers	Stablenen	Timbermen	Trackmen and bratticemen	Trappers	Other underground	Total underground	Blacksmiths	Blacksmith helpers	Carpenters	Engineers		Firemen	Top foremen	Machinists and helpers	Superintendents	Stablenen—top	Watchmen	Weightmen	Office employes at mine	Others on surface	Total on surface	Total— All employes	Number	
	1	1	...	1	5	...	...	134	1	1	2	1	2	1	...	1	1	...	1	12	10	23	157	1
...	...	3	...	13	35	7	19	740	1	3	2	4	1	3	...	1	2	2	4	47	70	810	1
...	13	26	6	40	644	1	1	5	4	1	1	1	1	2	6	56	88	732	2
...	25	28	1	42	700	3	3	3	3	3	1	4	1	1	2	3	30	57	757	3
...	1	22	24	4	12	475	2	1	10	4	5	1	3	1	1	1	2	17	48	523	4
...	6	14	...	8	399	2	6	3	3	4	1	2	1	1	1	4	25	50	449	5
...	15	15	2	29	443	1	2	4	3	...	...	4	1	3	1	1	2	7	30	473	6	
...	6	15	5	20	409	1	1	3	3	1	1	1	1	1	5	28	47	456	7	
...	8	10	3	15	385	2	1	3	3	3	1	2	1	1	2	26	46	431	8	
...	1	256	2	...	1	3	1	1	1	1	1	3	8	22	278	9	
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TABLE 11—CLASSIFICATION OF

DISTRICTS	Underground												
	Cagers	Drivers	Boss drivers	Electricians and helpers	Mine examiners	Mine managers	Machine miners	Pick miners	Motormen and assistants	Machine helpers	Machine runners	Pumpmen and pipemen	Shot firers
First.	19	137	6	9	13	11	523	1, 211	21	12	51	10	5
Second.	14	154	9	17	15	151	1,041	680	36	60	62	16	28
Third.	14	72	3	12	10	16	592	363	21	38	40	10	23
Fourth.	43	334	11	64	44	541	921	6,572	291	133	161	9	70
Fifth.	13	105	2	26	16	81	292	266	53	65	69	1	17
Sixth.	27	152	7	77	37	413	756	507	282	214	245	7	11
Seventh.	26	166	5	52	31	442	371	406	165	183	188	1	12
Eighth.	61	292	13	35	42	451	662	2,494	142	101	101	8	54
Ninth.	30	182	9	59	28	522	048	739	154	137	149	17	34
Tenth.	43	100	4	234	122	1238	794	322	840	531	654	34	126
Eleventh.	36	279	20	69	49	633	791	78	288	195	203	39	36
Twelfth.	37	238	19	95	54	624	384	979	301	259	271	63	88
Total.	363	2,211	108	749	461	534	32,175	14,617	2,594	1,928	2,194	215	504

MINE EMPLOYES—BY DISTRICTS.

Underground										On surface															
Shot firers runners	Spraggers	Stablemen	Timbermen	Trackmen and bratticemen	Trappers	Other underground	Total underground	Blacksmiths	Blacksmith helpers	Carpenters	Hoisting	Engi- neers	Firemen	Top foremen	Machinists and helpers	Superintendents	Stablemen—top	Watchmen	Weightmen	Office employees at mine	Others on surface	Total on surface	Total—All employees	Number	
12	8	47	38	11	82	2,226	10	8	7	23	5	11	5	8	5	4	4	5	7	11	94	202	2,428	1	
8	3	30	54	21	37	2,300	16	3	6	16	3	4	10	3	5	7	6	13	15	65	172	2,472	2		
46	4	22	32	5	21	1,303	10	7	4	14	30	1	6	6	4	1	5	10	9	157	264	1,567	3		
5	17	191	250	59	350	10,620	45	17	33	67	17	36	22	9	23	9	9	13	46	71	294	702	11,322	4	
9	6	106	111	28	333	2,526	11	7	6	15	7	13	5	1	6	6	2	6	18	319	416	2,942	5		
27	9	179	339	25	390	6,337	31	20	28	42	3	39	11	12	8	9	6	4	22	16	186	428	6,765	6	
23	7	104	156	34	243	4,221	25	12	17	39	3	32	10	9	12	1	9	17	36	168	390	4,611	7		
1	32	20	63	198	143	5,526	49	11	32	74	4	44	21	8	18	4	11	44	30	260	610	6,136	8		
4	28	11	63	191	38	390	4,372	34	13	24	45	38	47	16	20	22	8	10	20	36	467	800	5,172	9	
3	68	...	298	806	154	659	13,915	38	27	65	58	27	50	20	72	14	11	24	31	123	880	1,440	15,355	10	
5	56	12	100	210	31	248	5,808	39	19	59	59	8	53	25	30	21	14	17	20	21	358	743	6,551	11	
3	33	11	162	292	55	352	7,758	41	24	67	72	14	59	20	35	18	14	17	29	59	569	1,038	8,796	12	
25	347	108	1,365	2,677	480	3,257	66,912	349	168	348	524	159	389	174	210	155	79	123	265	445	3,817	7,205	74,117		

TABLE 12—COAL PRODUCING COUNTIES OF THE STATE, SHOWING
NUMBER OF DISTRICT, MINES, MEN AND TONS,—ALL MINES,
SHIPPING MINES, LOCAL MINES.—1927.

No.	County	District	All Mines			Shipping Mines			Local Mines		
			Mines	Men	Tons	Mines	Men	Tons	Mines	Men	Tons
1	Adams.....	3	1	2	240				1	2	240
2	Bond.....	7	1	367	208,081	1	367	208,081			
3	Bureau.....	1	8	1,009	119,052	2	967	111,208	6	42	7,844
4	Cass.....	3	3	9	1,528				3	9	1,528
5	Christian.....	4	9	4,205	2,707,681	9	4,205	2,707,681			
6	Clinton.....	8	4	1,222	583,079	4	1,222	583,079			
7	Edgar.....	5	3	42	19,797	1	25	16,881	2	17	2,916
8	Franklin.....	10	19	15,234	10,360,881	19	15,234	10,360,881			
9	Fulton.....	3	160	1,993	1,633,925	14	1,447	1,375,691	146	546	258,234
10	Gallatin.....	11	19	300	65,132	2	246	45,281	17	54	19,851
11	Greene.....	6	6	31	6,947				6	31	6,947
12	Grundy.....	1	3	390	241,099	1	320	227,511	2	70	13,588
13	Hancock.....	3	3	19	2,225				3	19	2,225
14	Henry.....	1	12	308	85,625	1	203	46,616	11	105	39,009
15	Jackson.....	9	23	1,053	1,007,299	5	908	962,868	18	145	44,431
16	Jefferson.....	10	1	121	45,160	1	121	45,160			
17	Jersey.....	6	1	5	600				1	5	600
18	Johnson.....	12	4	10	1,910				4	10	1,910
19	Knox.....	3	37	241	133,667	1	120	104,197	36	121	29,470
20	LaSalle.....	1	29	1,179	444,253	4	809	192,716	25	370	251,537
21	Livingston.....	1	4	52	22,142				4	52	22,142
22	Logan.....	2	1	338	150,617	1	338	150,617			
23	Macon.....	5	1	286	128,220	1	286	128,220			
24	Macoupin.....	6	13	4,866	3,306,496	9	4,843	3,297,910	4	23	8,586
25	Madison.....	7	20	3,930	2,261,549	14	3,796	2,170,315	6	134	91,234
26	Marion.....	7	2	448	755,032	2	448	755,032			
27	Marshall.....	2	19	61	20,127				19	61	20,127
28	McDonough.....	3	30	87	15,866				30	87	15,866
29	McLean.....	2	1	98	16,866				1	98	16,866
30	Memard.....	4	14	148	80,249				14	148	80,249
31	Mercer.....	1	13	208	72,599	1	129	36,445	12	79	36,514
32	Monroe.....	8	1	2	553				1	2	553
33	Montgomery.....	6	3	1,820	1,034,245	3	1,820	1,034,245			
34	Morgan.....	4	2	5	598				2	5	598
35	Peoria.....	2	67	1,720	945,495	7	1,282	743,853	60	438	201,642
36	Perry.....	9	23	2,459	1,641,691	12	2,406	1,626,041	11	53	15,650
37	Pike.....	4	1	4	140				1	4	140
38	Randolph.....	9	13	1,329	662,559	5	1,250	613,484	8	79	49,075
39	Rock Island.....	1	6	64	32,455				6	64	32,455
40	Saline.....	11	37	6,178	3,173,201	21	6,128	3,156,096	16	50	17,105
41	Sangamon.....	4	27	7,332	3,119,517	16	7,117	3,036,773	11	215	82,744
42	Schuyler.....	3	26	95	21,652				26	95	21,652
43	Scott.....	4	6	15	1,696				6	15	1,696
44	Shelby.....	6	6	159	41,060	1	102	33,950	5	57	7,110
45	Stark.....	2	11	52	10,253				11	52	10,253
46	St. Clair.....	5	53	5,218	3,083,070	36	4,914	2,893,267	17	304	189,803
47	Tazewell.....	2	8	624	435,454	3	518	384,975	5	106	50,479
48	Vermilion.....	5	75	3,075	2,741,682	8	2,631	2,450,472	67	444	291,210
49	Wabash.....	11	5	25	5,607				5	25	5,607
50	Warren.....	3	6	25	6,071				6	25	6,071
51	Washington.....	9	5	643	302,636	2	608	292,159	3	35	10,477
52	White.....	11	1	157	56,191	1	157	56,191			
53	Will.....	1	1	44	17,672				1	44	17,672
54	Williamson.....	12	57	8,911	5,041,593	31	8,796	5,001,872	26	115	39,721
55	Woodford.....	2	2	334	76,665	2	334	76,665			
Total.....			906	78,572	46,949,700	241	74,117	44,926,433	665	4,455	2,023,267

TABLE 13—PRODUCTION, DISPOSITION OF PRODUCT, NUMBER EMPLOYED, AVERAGE DAYS WORKED AND AVERAGE TONS PER MAN PER DAY, BY COUNTIES.

County	Total tons mined	Disposition of output—net tons						Employed underground				Total employees	Average days worked	Average tons per man per day
		Shipped to market	Sold to rail-road companies	Supplied to locomotives	Sold to local trade	Consumed or wasted at the mine and not sold	Employed underground							
							Machine men, load and shotfirers	Haulage and track men	All others					
Bond.....	208,081	131,711	68,500	.....	4,246	3,624	280	37	23	27	367	90	6.29
Bureau.....	111,208	15,528	74,155	697	14,074	6,134	743	71	77	76	967	56	2.07	
Christian.....	2,707,681	1,982,702	550,770	28,943	112,071	33,195	3,192	328	373	312	4,205	131	4.92	
Clinton.....	583,079	512,686	9,498	6,691	32,965	21,239	839	151	108	124	1,222	78	6.12	
Edgar.....	16,881	15,631	1,250	.....	.....	.....	.....	.....	.....	24	225	56	12.05
Franklin.....	10,360,881	7,757,564	2,219,126	696	85,641	297,854	10,359	1,957	1,496	1,422	15,234	118	5.76	
Fulton.....	1,375,691	846,196	523,258	.....	2,681	3,556	974	123	101	249	1,447	135	7.04
Gallatin.....	45,281	42,400	.....	1,200	153	1,528	160	39	19	28	346	57	2.75
Grundy.....	227,511	111,743	112,937	.....	1,683	1,148	184	57	47	32	320	140	5.08
Henry.....	46,616	38,558	5,286	.....	2,282	4,900	1	17	172	13	203	57	4.03
Jackson.....	962,868	817,830	138,629	.....	1,647	4,762	184	116	350	258	608	127	8.35
Jefferson.....	45,160	32,914	3,093	.....	1,498	7,655	71	15	17	18	121	39	9.56
Knox.....	104,197	4,073	78,888	.....	19,916	1,320	82	15	8	15	120	230	3.77
LaSalle.....	192,716	128,081	.....	2,866	58,974	2,795	610	65	64	70	809	108	3.25
Logan.....	150,917	65,713	23,476	.....	57,951	3,477	248	47	15	28	338	137	3.25
Macon.....	128,220	12,436	.....	.....	113,074	7,110	165	24	71	26	286	160	2.80
Macoupin.....	3,297,910	476,892	2,495,671	11,354	42,798	21,195	3,662	594	592	295	4,843	117	5.82	
Madison.....	2,170,315	1,428,759	459,032	112	108,565	42,847	2,702	439	365	290	3,796	115	4.97	
Marion.....	755,032	651,017	24,801	.....	36,299	42,915	182	73	120	73	448	294	5.73
Mercer.....	36,445	16,940	19,505	.....	.....	.....	93	15	10	11	129	64	4.41
Montgomery.....	1,034,245	404,877	588,708	22,331	17,716	613	1,302	230	168	120	1,820	107	5.31	
Peoria.....	743,853	105,367	627,734	1,280	2,411	7,061	956	155	85	86	1,282	144	4.03	
Perry.....	1,626,041	1,109,806	87,545	58,156	22,652	47,882	1,587	251	164	404	2,406	98	6.88	
Randolph.....	613,484	343,391	250,021	.....	4,300	15,772	853	154	83	85	1,250	89	5.51
Saline.....	3,156,096	2,676,362	364,589	3,780	37,074	74,291	4,032	827	597	692	6,148	100	5.12	
Sangamon.....	3,036,773	2,009,275	759,246	.....	221,780	46,472	5,665	663	399	390	7,117	100	4.26
Shelby.....	33,950	8,626	6,449	.....	15,146	3,729	74	8	7	13	102	113	2.94
St. Clair.....	2,893,267	1,983,899	645,472	30,677	175,285	57,934	3,438	545	445	486	4,914	105	5.61	
St. Louis.....	384,975	114,176	191,899	.....	78,041	859	397	60	27	34	518	185	4.02
Tazewell.....	2,450,472	1,643,188	710,709	.....	35,512	61,063	1,410	284	572	365	2,631	151	6.17
Vermilion.....	292,159	42,978	178,623	43,752	17,697	9,109	412	99	44	53	608	132	3.64	
Washington.....	56,191	46,945	.....	.....	5,043	4,203	110	18	6	23	157	102	3.51
White.....	5,001,872	3,055,790	1,713,370	.....	37,988	194,724	5,984	838	936	1,038	8,796	93	6.11
Williamson.....	76,665	61,484	.....	1,492	11,175	2,514	270	25	15	24	334	103	2.23
Woodford.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	44,926,433	29,195,538	13,063,240	214,027	1,378,958	1,074,670	50,996	8,340	7,576	7,205	74,117	112	5.40	

TABLE 14—GRADED OUTPUT OF SHIPPING MINES BY DISTRICTS AND LOCAL MINES FOR THE STATE

District	Total out put	Lamp	Furnace	Small egg	Stove	Chestnut	Pea	Carbon	Screenings	Mine-run	Waste and loss in preparing
First.....	614,496	95,174	97,865	.....	.....	.....	.....	.....	134,029	285,286	2,142
Second.....	1,356,110	253,292	282,417	15,414	1,024	.....	.....	.....	157,633	641,982	4,348
Third.....	1,479,888	237,120	372,976	229,235	32,096	.....	.....	.....	418,009	189,906	546
Fourth.....	5,744,454	1,394,502	1,272,937	213,746	95,122	2,930	39,998	3,529	1,774,341	930,700	16,694
Fifth.....	2,595,573	704,072	22,963	147,003	.....	.....	.....	.....	645,530	1,040,870	35,135
Sixth.....	4,366,105	2,560,009	242,396	9,887	31,774	.....	1,432	.....	835,718	680,406	4,483
Seventh.....	3,133,428	954,906	400,248	74,976	151,190	.....	3,038	.....	990,257	531,397	27,422
Eighth.....	3,476,346	1,326,403	600,551	46,908	65,635	.....	11,010	.....	1,021,818	400,227	3,794
Ninth.....	3,494,552	550,277	468,121	187,658	105,059	28,132	27,328	42,036	1,034,070	1,042,969	8,911
Tenth.....	10,406,041	1,594,874	1,980,519	1,075,006	467,594	449,789	262,313	828,700	2,744,493	923,542	78,211
Eleventh.....	3,257,568	440,176	573,184	285,908	172,037	129,700	47,619	103,643	883,570	575,378	46,253
Twelfth.....	5,001,872	868,603	696,209	439,225	185,470	48,100	46,293	61,341	1,408,264	1,188,588	59,779
Total.....	44,926,433	10,979,408	7,010,386	2,724,966	1,307,001	658,642	439,031	1,039,249	12,047,736	8,431,551	288,473
Local mines.....	2,023,267	566,115	2,107	29,507	.....	.....	.....	.....	203,162	1,221,875	501
The State.....	46,949,700	11,545,523	7,012,493	2,754,473	1,307,001	658,642	439,031	1,039,249	12,250,888	9,653,426	288,974

TABLE 15—DISPOSITION OF OUTPUT OF SHIPPING MINES BY DISTRICTS AND LOCAL MINES FOR THE STATE.

District	Total tons produced	Shipped to market	Sold to railroad companies	Supplied to locomotives	Sold to local trade	Used at the mine	Not sold and loss in preparing	Tons handled by railroads	Tons disposed of locally	Per cent of tonnage handled—	
										By railroads	Locally
First.....	614,496	310,850	211,883	3,563	77,633	8,201	2,366	526,296	88,200	85.6	14.4
Second.....	1,356,110	346,740	843,109	2,772	149,578	8,893	5,008	1,432,621	163,489	87.9	12.1
Third.....	1,479,888	850,269	602,146	.....	22,597	3,575	1,301	1,432,415	27,473	98.1	1.9
Fourth.....	5,744,454	3,991,977	1,310,016	28,943	333,851	55,206	24,461	5,330,936	413,518	92.8	7.2
Fifth.....	2,595,573	1,671,255	1,711,959	.....	148,586	31,348	32,425	2,383,214	212,359	91.8	8.2
Sixth.....	4,366,105	1,090,395	3,090,828	33,685	176,660	75,737	.....	4,214,908	151,197	96.5	3.5
Seventh.....	3,133,428	2,111,487	3,683,333	112	149,110	66,733	22,653	2,894,932	238,496	92.4	7.6
Eighth.....	3,476,346	2,496,585	654,970	37,368	208,250	75,443	7,750	3,188,923	287,423	91.7	8.3
Ninth.....	3,494,552	2,614,005	654,818	101,908	40,296	90,369	7,156	3,370,731	123,821	96.5	3.5
Tenth.....	10,406,041	7,790,478	2,222,219	.....	87,139	96,289	209,220	10,013,393	392,648	96.2	3.8
Eleventh.....	3,257,568	2,765,707	2,364,589	4,980	42,270	53,182	26,840	3,135,276	122,292	96.2	3.8
Twelfth.....	5,001,872	3,055,790	1,713,370	.....	37,988	79,624	115,100	4,769,160	232,712	95.3	4.7
Total.....	44,926,433	29,195,538	13,063,240	214,027	1,378,958	624,400	450,270	42,472,805	2,453,628	94.5	5.5
Local mines.....	2,023,267	.....	.....	.....	1,965,714	57,553	.....	.....	2,023,267	.....	100.0
The State.....	46,949,700	29,195,538	13,063,240	214,027	3,344,672	681,953	450,270	42,472,805	4,476,895	90.5	9.5

TABLE 16—COUNTIES WHICH HAVE PRODUCED THE COMMERCIAL COAL, THE TONNAGE DELIVERED TO EACH RAILROAD FOR TRANSPORTATION.

No.	County and railroads	Tons shipped	Tons sold to railroad companies	Tons supplied to locomotives
	The State.....	29, 195, 538	13, 063, 240	191, 696
1	Franklin.....	7, 757, 564	2, 219, 126	696
	Chicago, Burlington & Quincy.....	4, 214, 815	1, 506, 593	
	Illinois Central.....	1, 428, 752	51, 877	696
	Missouri Pacific.....	1, 343, 242	609, 248	
	Chicago & Eastern Illinois.....	770, 755	51, 408	
2	Williamson.....	3, 055, 790	1, 713, 370	
	Chicago, Burlington & Quincy.....	1, 167, 967	336, 750	
	Missouri Pacific.....	773, 729	415, 371	
	Illinois Central.....	600, 567	800, 536	
	Marion & Eastern.....	336, 140	32, 776	
	C. G. W.....		116, 091	
	Chicago & Eastern Illinois.....	177, 387	11, 846	
3	Saline.....	2, 676, 362	364, 589	3, 780
	Cleveland, Cincinnati, Chicago & St. Louis.....	2, 433, 544	364, 589	3, 780
	Illinois Central.....	217, 225		
	Southern Illinois Road & Power Co.....	25, 593		
4	Sangamon.....	2, 009, 275	759, 246	
	Chicago & Alton.....	894, 587	496, 829	
	Wabash.....	365, 568	219, 359	
	Chicago & Illinois Midland.....	221, 893		
	Chicago, Springfield & St. Louis.....	187, 648	16, 500	
	Illinois Traction System.....	117, 526	400	
	Illinois Central.....	114, 321	3, 934	
	Baltimore & Ohio.....	107, 732		
	Chicago, Rock Island & Pacific.....		22, 224	
5	St. Clair.....	1, 983, 899	645, 472	30, 677
	St. Louis & O'Fallon.....	417, 405	154, 333	1, 413
	Illinois Central.....	671, 678	60, 898	27, 530
	Southern.....	338, 794		
	Louisville & Nashville.....	301, 742	16, 276	
	Baltimore & Ohio.....	100, 033	143, 300	
	St. Louis & Belleville.....	55, 835		
	Pennsylvania.....	50, 137	63, 162	
	St. Louis & Suburban.....	47, 215	87, 685	244
	Caseyville.....	1, 060	119, 818	1, 490
6	Christian.....	1, 982, 702	550, 770	28, 943
	Chicago & Illinois Midland.....	1, 759, 355	21, 708	
	Illinois Central.....	180, 217	56, 741	24, 594
	Baltimore & Ohio.....	23, 808	42, 000	4, 349
	Wabash.....	12, 000	312, 049	
	Chicago & Eastern Illinois.....	4, 834		
	Cleveland, Cincinnati, Chicago & St. Louis.....	2, 488		
	Chicago & Alton.....		118, 272	
7	Vermilion.....	1, 643, 188	710, 709	
	Chicago & Eastern Illinois.....	1, 375, 453	530, 993	
	Illinois Traction System.....	195, 337	67, 557	
	Peoria & Eastern.....	70, 216	107, 532	
	Wabash.....	2, 182		
	Cleveland, Cincinnati, Chicago & St. Louis.....		4, 627	

TABLE 16—Continued.

No.	County and railroads	Tons shipped	Tons sold to railroad companies	Tons supplied to locomotives
8	Madison.....	1,428,759	590,032	112
	Litchfield & Madison.....	527,100	40,078	
	Pennsylvania.....	372,498	111,175	
	St. Louis, Troy & Eastern.....	332,182		112
	Cleveland, Cincinnati, Chicago & St. Louis.....	111,456	113,020	
	Chicago & Eastern Illinois.....	45,324		
	Wabash.....	40,000		
	Illinois Central.....	159	325,759	
	Illinois Traction System.....	40		
9	Perry.....	1,409,806	87,545	58,156
	Illinois Central.....	1,181,342	87,545	58,156
	Mobile & Ohio.....	152,761		
	Wabash, Chester & Western.....	75,703		
10	Fulton.....	846,196	523,258	
	Chicago, Burlington & Quincy.....	753,987	482,218	
	Toledo, Peoria & Western.....	79,894	6,256	
	Minneapolis & St. Louis.....	12,315	34,784	
11	Macoupin.....	676,892	2,495,671	11,354
	Wabash.....	460,229	393,337	
	Illinois Traction System.....	184,343		
	Litchfield & Madison.....	32,142		
	Illinois Central.....	178	152,622	11,354
	Chicago & Northwestern.....		1,949,712	
12	Marion.....	651,017	24,801	
	Illinois Central.....	303,998		
	Chicago, Burlington & Quincy.....	286,122	24,801	
	Baltimore & Ohio.....	60,897		
13	Jackson.....	817,830	138,629	
	Illinois Central.....	788,050	3,654	
	Mobile & Ohio.....	29,780		
	Chicago & Northwestern.....		97,759	
	Terminal.....		13,929	
	Chicago & Alton.....		9,380	
	Belt Railroad.....		5,106	
	Soo Line.....		4,053	
	Atchison, Topeka & Santa Fe.....		3,653	
	Wabash, Chester & Western.....		865	
	Chicago, Rock Island & Pacific.....		230	
14	Clinton.....	512,686	9,498	6,691
	Southern.....	270,064		
	Baltimore & Ohio.....	242,622	9,498	6,691
15	Montgomery.....	404,877	588,708	
	Cleveland, Cincinnati, Chicago & St. Louis.....	234,703	348,384	
	Toledo, St. Louis & Western.....	120,454	178,853	
	Chicago & Eastern Illinois.....	49,720	61,471	
16	Randolph.....	343,391	250,021	
	Mobile & Ohio.....	222,162	225,993	
	Illinois Central.....	89,882		
	Missouri & Illinois.....	31,347	24,028	
17	Bond.....	131,711	68,500	
	Pennsylvania.....	131,711	68,500	

TABLE 16—Continued.

No.	County and railroads	Tons shipped	Tons sold to railroad companies	Tons supplied to locomotives
18	LaSalle.	128,081	.....	2,866
	Atchison, Topeka & Santa Fe.	61,991	.....	.....
	Illinois Central.	45,231	.....	.....
	Chicago, Rock Island & Pacific.	20,859	.....	2,866
19	Tazewell.	114,176	191,899	.....
	Peoria & Pekin Union.	98,910	191,899	.....
	Cleveland, Cincinnati, Chicago & St. Louis.	15,266	.....	.....
20	Grundy.	111,743	112,937	.....
	Atchison, Topeka & Santa Fe.	111,743	112,937	.....
21	Peoria.	105,367	627,734	1,280
	Minneapolis & St. Louis.	41,219	99,793	.....
	Chicago, Burlington & Quincy.	33,308	9,439	.....
	Toledo, Peoria & Western.	25,354	8,000	.....
	Peoria, Hanna City & Western.	5,486	510,502	1,280
22	Logan.	65,713	23,476	.....
	Illinois Central.	44,684	19,355	.....
	Chicago & Alton.	21,029	4,121	.....
23	Woodford.	61,484	.....	1,492
	Illinois Central.	44,626	.....	.....
	Atchison, Topeka & Santa Fe.	16,858	.....	1,492
24	White.	46,945	.....	.....
	Cleveland, Cincinnati, Chicago & St. Louis.	32,858	.....	.....
	Baltimore & Ohio.	14,087	.....	.....
25	Washington.	42,978	178,623	43,752
	Illinois Central.	17,542	115,571	.....
	Chicago, Burlington & Quincy.	15,452	63,052	.....
	Louisville & Nashville.	9,984	.....	43,752
26	Gallatin.	42,400	.....	1,200
	Louisville & Nashville.	42,400	.....	1,200
27	Henry.	38,558	5,286	.....
	Chicago, Burlington & Quincy.	38,558	5,286	.....
28	Jefferson.	32,914	3,093	.....
	Jefferson & Southwestern.	32,914	3,093	.....
29	Mercer.	16,940	19,505	.....
	Rock Island Southern.	16,940	19,505	.....
30	Bureau.	15,528	74,155	697
	Chicago & Northwestern.	15,528	7,180	697
	Chicago, Milwaukee & St. Paul. ....	.....	66,975	.....
31	Edgar.	15,631	1,250	.....
	Chicago, Milwaukee & St. Paul.	15,631	1,250	.....

TABLE 16—Concluded.

No.	County and railroads	Tons shipped	Tons sold to railroad companies	Tons supplied to locomotives
32	Macon.....	12,436		
	Illinois Central.....	12,436		
33	Shelby.....	8,626	6,449	
	Illinois Central.....	8,626	6,449	
34	Knox.....	4,073	78,888	
	Atchison, Topeka & Santa Fe.....	4,073	78,888	

TABLE 17—COUNTIES AND TONNAGE HANDLED BY RAILROADS.

No.	County	Total tons produced	Tons shipped	Tons sold to railroad companies	Tons supplied to locomotives	Total tons handled by railroads	Percent of tonnage handled by railroads
1	Franklin.....	10,360,881	7,757,564	2,219,126	696	9,977,386	96.3
2	Williamson.....	5,001,872	3,055,790	1,713,370		4,769,160	95.3
3	Macoupin.....	3,297,910	676,892	2,495,671	11,354	3,183,917	96.4
4	Saline.....	3,156,096	2,676,362	364,589	3,780	3,044,731	96.5
5	Sangamon.....	3,036,773	2,009,275	759,246		2,768,521	91.2
6	St. Clair.....	2,893,267	1,983,899	645,472	30,677	2,660,048	91.9
7	Christian.....	2,707,681	1,982,702	550,770	28,943	2,562,415	94.6
8	Vermilion.....	2,450,472	1,643,188	710,709		2,353,897	96.1
9	Madison.....	2,170,315	1,428,759	590,032	112	2,018,903	93.0
10	Perry.....	1,626,041	1,409,806	87,545	58,156	1,555,507	95.7
11	Fulton.....	1,375,691	846,196	523,258		1,369,454	99.6
12	Montgomery.....	1,034,245	404,877	588,708		993,585	96.1
13	Jackson.....	962,868	817,830	138,629		956,459	99.3
14	Marion.....	755,032	651,017	24,801		675,818	89.5
15	Peoria.....	743,853	105,367	627,734	1,280	734,381	98.7
16	Randolph.....	613,184	343,391	250,021		393,412	96.8
17	Clinton.....	583,079	512,686	9,498	6,691	528,875	90.7
18	Tazewell.....	384,975	114,176	191,899		306,075	79.5
19	Washington.....	292,159	42,978	178,623	43,752	265,353	90.8
20	Grundy.....	227,511	111,743	112,937		224,680	98.8
21	Bond.....	208,081	131,711	68,500		200,211	96.2
22	LaSalle.....	192,716	128,081		2,866	130,947	67.9
23	Logan.....	150,617	65,713	23,476		89,189	59.2
24	Macon.....	128,220	12,436			12,436	9.7
25	Bureau.....	111,208	15,528	74,155	697	90,380	81.3
26	Knox.....	104,497	4,073	78,888		82,961	79.4
27	Woodford.....	76,665	61,484		1,492	62,976	82.1
28	White.....	56,191	46,945			46,945	83.5
29	Henry.....	46,616	38,558	5,286		43,844	94.1
30	Gallatin.....	45,281	42,400		1,200	43,600	96.3
31	Jefferson.....	45,160	32,914	3,093		36,007	79.7
32	Mercer.....	36,445	16,940	19,505		36,445	100.0
33	Shelby.....	33,950	8,626	6,449		15,075	44.4
34	Edgar.....	16,881	15,631	1,250		16,881	100.0
Total.....		44,926,433	29,195,538	13,063,240	191,696	42,450,474	94.5

TABLE 18—RAILROADS HANDLING THE OUTPUT OF SHIPPING MINES
AND THE TONNAGE CONTRIBUTED BY EACH COUNTY.

No	Railroads and Counties	Tons shipped	Tons sold to railroad companies	Tons supplied to locomotives
	The State.....	29, 195, 538	13, 063, 240	191, 696
1	Chicago, Burlington & Quincy.....	6, 510, 209	2, 428, 539	
	Franklin.....	4, 214, 815	1, 506, 593	
	Williamson.....	1, 167, 967	336, 750	
	Fulton.....	753, 987	482, 218	
	Marion.....	286, 122	24, 801	
	Henry.....	38, 558	5, 686	
	Peoria.....	33, 308	9, 439	
	Washington.....	15, 452	63, 052	
2	Illinois Central.....	5, 749, 514	1, 684, 941	122, 330
	Franklin.....	1, 428, 752	51, 877	696
	Perry.....	1, 181, 342	87, 545	58, 156
	Jackson.....	788, 050	3, 654	
	St. Clair.....	671, 678	60, 898	27, 530
	Williamson.....	600, 567	800, 536	
	Marion.....	303, 998		
	Saline.....	217, 225		
	Christian.....	180, 217	56, 741	24, 594
	Sangamon.....	114, 321	3, 934	
	Randolph.....	89, 882		
	LaSalle.....	45, 231		
	Logan.....	44, 684	19, 355	
	Woodford.....	44, 626		
	Washington.....	17, 542	115, 571	
	Macon.....	12, 436		
	Shelby.....	8, 626	6, 449	
	Macoupin.....	178	152, 622	11, 354
	Madison.....	159	325, 759	
3	Cleveland, Cincinnati, Chicago & St. Louis.....	2, 830, 315	830, 620	3, 780
	Saline.....	2, 433, 544	364, 589	3, 780
	Montgomery.....	234, 703	348, 384	
	Madison.....	111, 456	113, 020	
	White.....	32, 858		
	Tazewell.....	15, 266		
	Christian.....	2, 488		
	Vermilion.....		4, 627	
4	Chicago & Eastern Illinois.....	2, 423, 473	655, 718	
	Vermilion.....	1, 375, 453	530, 993	
	Franklin.....	770, 755	51, 408	
	Williamson.....	177, 387	11, 846	
	Montgomery.....	49, 720	61, 471	
	Madison.....	45, 324		
	Christian.....	4, 834		
5	Missouri Pacific.....	2, 116, 971	1, 024, 619	
	Franklin.....	1, 343, 242	609, 248	
	Williamson.....	773, 729	415, 371	
6	Chicago & Illinois Midland.....	1, 981, 248	21, 708	
	Christian.....	1, 759, 355	21, 708	
	Sangamon.....	221, 893		
7	Chicago & Alton.....	915, 616	628, 602	
	Sangamon.....	894, 587	496, 829	
	Logan.....	21, 029	4, 121	
	Christian.....		118, 272	
	Jackson.....		9, 380	

TABLE 18—Continued.

No.	Railroads and Counties	Tons shipped	Tons sold to railroad companies	Tons supplied to locomotives
8	Wabash.....	879,979	924,745	.....
	Macoupin.....	460,229	393,337	.....
	Sangamon.....	365,568	219,359	.....
	Madison.....	40,000	.....	.....
	Christian.....	12,000	312,049	.....
	Vermilion.....	2,182	.....	.....
9	Southern.....	608,858	.....	.....
	St. Clair.....	338,794	.....	.....
	Clinton.....	270,064	.....	.....
10	Litchfield & Madison.....	559,242	40,078	.....
	Madison.....	527,100	40,078	.....
	Macoupin.....	32,142	.....	.....
11	Pennsylvania.....	554,346	242,837	.....
	Madison.....	372,498	111,175	.....
	Bond.....	131,711	68,500	.....
	St. Clair.....	50,137	63,162	.....
12	Baltimore & Ohio.....	549,179	194,798	11,040
	Clinton.....	242,622	9,498	6,691
	Sangamon.....	107,732	.....	.....
	St. Clair.....	100,033	143,300	.....
	Marion.....	60,897	.....	.....
	Christian.....	23,808	42,000	4,349
	White.....	14,087	.....	.....
13	Illinois Traction System.....	497,246	67,957	.....
	Vermilion.....	195,337	67,557	.....
	Macoupin.....	184,343	.....	.....
	Sangamon.....	117,526	400	.....
	Madison.....	40	.....	.....
14	St. Louis & O'Fallon.....	417,405	154,333	1,413
	St. Clair.....	417,405	154,333	1,413
15	Mobile & Ohio.....	404,703	225,993	.....
	Randolph.....	222,162	225,993	.....
	Perry.....	152,761	.....	.....
	Jackson.....	29,780	.....	.....
16	Louisville & Nashville.....	354,126	16,276	44,952
	St. Clair.....	301,742	16,276	.....
	Gallatin.....	42,400	.....	1,200
	Washington.....	9,984	.....	43,752
17	Marion & Eastern.....	336,140	32,776	.....
	Williamson.....	336,140	32,776	.....
18	St. Louis, Troy & Eastern.....	332,182	.....	112
	Madison.....	332,182	.....	112
19	Atchison, Topeka & Santa Fe.....	194,665	195,478	1,492
	Grundy.....	111,743	112,937	.....
	LaSalle.....	61,991	.....	.....
	Woodford.....	16,858	.....	1,492
	Knox.....	4,073	78,888	.....
	Jackson.....	.....	3,653	.....

TABLE 18—Continued.

No.	Railroads and Counties	Tons shipped	Tons sold to railroad companies	Tons supplied to locomotives
20	Chicago, Springfield & St. Louis	187,648	16,500	.....
	Sangamon.....	187,648	16,500	.....
21	Toledo, St. Louis & Western.....	120,454	178,853	.....
	Montgomery.....	120,454	178,853	.....
22	Toledo, Peoria & Western.....	105,248	14,256	.....
	Fulton.....	79,894	6,256	.....
	Peoria.....	25,354	8,000	.....
23	Peoria & Pekin Union.....	98,910	191,899	.....
	Tazewell.....	98,910	191,899	.....
24	Wabash, Chester & Western.....	75,703	865	.....
	Perry.....	75,703	.....	.....
	Jackson.....	.....	865	.....
25	Peoria & Eastern.....	70,216	107,532	.....
	Vermillion.....	70,216	107,532	.....
26	St. Louis & Belleville.....	55,835	.....	.....
	St. Clair.....	55,835	.....	.....
27	Minneapolis & St. Louis.....	53,534	134,577	.....
	Peoria.....	41,219	99,793	.....
	Fulton.....	12,315	34,784	.....
28	St. Louis & Suburban.....	47,215	87,685	244
	St. Clair.....	47,215	87,685	244
29	Jefferson & Southwestern.....	32,914	3,093	.....
	Jefferson.....	32,914	3,093	.....
30	Missouri & Illinois.....	31,347	24,028	.....
	Randolph.....	31,347	24,028	.....
31	Southern Illinois Rail & Power.....	25,593	.....	.....
	Saline.....	25,593	.....	.....
32	Chicago, Rock Island & Pacific.....	20,859	22,454	2,866
	LaSalle.....	20,859	.....	2,866
	Sangamon.....	.....	22,224	.....
	Jackson.....	.....	230	.....
33	Rock Island & Southern.....	16,940	19,505	.....
	Mercer.....	16,940	19,505	.....
34	Chicago, Milwaukee & St. Paul.....	15,631	68,225	.....
	Edgar.....	15,631	1,250	.....
	Bureau.....	.....	66,975	.....
35	Chicago & Northwestern.....	15,528	2,054,651	697
	Bureau.....	15,528	7,180	697
	Macoupin.....	.....	1,949,712	.....
	Jackson.....	.....	97,759	.....

TABLE 18— Concluded.

No.	Railroads and Counties	Tons shipped	Tons sold to railroad companies	Tons supplied to locomotives
36	Peoria, Hanna City & Western.....	5,486	510,502	1,280
	Peoria.....	5,486	510,502	1,280
37	Caseyville.....	1,060	119,818	1,490
	St. Clair.....	1,060	119,818	1,490
38	Chicago & Great Western.....		116,091	
	Williamson.....		116,091	
39	Illinois Terminal.....		13,929	
	Jackson.....		13,929	
40	Belt.....		5,106	
	Jackson.....		5,106	
41	Soo Line.....		4,053	
	Jackson.....		4,053	

TABLE 19—RAILROADS AND TONNAGE HANDLED BY EACH.

Railroads	Tons shipped	Tons sold to railroad companies	Tons supplied to loco motives
The State.....	29, 195, 538	13, 063, 240	191, 696
Chicago, Burlington & Quincy.....	6, 510, 209	2, 428, 539	
Illinois Central.....	5, 749, 514	1, 684, 941	122, 330
Cleveland, Cincinnati, Chicago & St. Louis.....	2, 830, 315	830, 620	3, 780
Chicago & Eastern Illinois.....	2, 423, 473	655, 718	
Missouri Pacific.....	2, 116, 971	1, 024, 619	
Chicago & Illinois Midland.....	1, 981, 248	21, 708	
Chicago & Alton.....	915, 616	628, 602	
Wabash.....	879, 979	924, 745	
Southern.....	608, 858		
Litchfield & Madison.....	559, 242	40, 078	
Pennsylvania.....	554, 346	242, 837	
Baltimore & Ohio.....	549, 179	194, 798	11, 040
Illinois Traction System.....	497, 246	67, 957	
St. Louis & O'Fallon.....	417, 405	154, 333	1, 413
Mobile & Ohio.....	404, 703	225, 993	
Louisville & Nashville.....	354, 126	16, 276	44, 952
Marion & Eastern.....	336, 146	32, 776	
St. Louis, Troy & Eastern.....	332, 182		112
Atchison, Topeka & Santa Fe.....	194, 665	195, 478	1, 492
Chicago, Springfield & St. Louis.....	187, 648	16, 500	
Toledo, St. Louis & Western.....	120, 454	178, 853	
Toledo, Peoria & Western.....	105, 248	14, 256	
Peoria & Pekin Union.....	98, 910	191, 899	
Wabash, Chester & Western.....	75, 703	865	
Peoria & Eastern.....	70, 216	107, 532	
St. Louis & Belleville.....	55, 835		
Minneapolis & St. Louis.....	53, 534	134, 577	
St. Louis & Suburban.....	47, 215	87, 685	244
Jefferson & Southwestern.....	32, 914	3, 093	
Missouri & Illinois.....	31, 347	24, 028	
Southern Illinois Rail & Power.....	25, 593		
Chicago, Rock Island & Pacific.....	20, 859	22, 454	2, 866
Rock Island Southern.....	16, 940	19, 505	
Chicago, Milwaukee & St. Paul.....	15, 631	68, 225	
Chicago & Northwestern.....	15, 528	2, 054, 651	697
Peoria, Hanna City & Western.....	5, 486	510, 502	1, 280
Caseyville.....	1, 060	119, 818	1, 490
Chicago, Great Western.....		116, 091	
Illinois Terminal.....		13, 929	
Belt Railway.....		5, 106	
Soo Line.....		4, 053	

TABLE 20—METHOD OF MINING—MINES, MACHINES AND TONS—SHIPPING MINES BY DISTRICTS AND LOCAL MINES FOR THE STATE.

District	Machine exclusively			Hand exclusively		Machine and hand			Strip mines	
	Mines	Mach- ines	Tons	Mines	Tons	Mines	Mach- ines	Tons	Mines	Tons
First.....	3	22	295,467	5	272,839	1	4	46,190		
Second.....	7	52	889,094	3	92,695	3	9	374,321		
Third.....	5	33	301,649	5	137,975	4	22	300,181	1	740,083
Fourth.....	5	164	2,031,197	17	2,986,545	3	3	726,712		
Fifth.....	2	10	131,072	2	53,999	3	67	1,892,146	3	518,356
Sixth.....	12	224	3,834,831			1	35	531,274		
Seventh.....	10	156	2,653,287	4	134,475	3	20	345,666		
Eighth.....	10	111	1,675,844	27	1,533,978	2	2	215,999	1	50,525
Ninth.....	7	78	1,002,535	6	339,652	6	80	1,113,592	5	1,038,773
Tenth.....	9	255	3,424,490			11	411	6,981,551		
Eleventh.....	20	315	3,105,119			2	12	70,814	2	81,635
Twelfth.....	10	119	1,642,994	6	174,748	12	193	2,856,094	3	328,036
Shipping mines.....	100	1,539	20,987,579	75	5,726,906	51	858	15,454,540	15	2,757,408
Local mines.....	24	38	607,581	626	1,102,326	15	20	313,360		
The State.....	124	1,577	21,595,160	701	6,829,232	66	878	15,767,900	15	2,757,408

TABLE 21—UNDERGROUND HAULAGE IN SHIPPING MINES, BY DISTRICTS.

District	Motors only			Mules only			Motors and Mules				Strip and not reported	
	Mines	Motors	Tons	Mines	Mules	Tons	Mines	Motors	Mules	Tons	Mines	Tons
First.....				4	193	194,269	5	10	98	420,227		
Second.....	1	1	1,603	1	6	8,117	11	26	163	1,346,390		
Third.....				5	9	47,467	9	19	113	692,336	1	740,085
Fourth.....	2	40	1,150,154	1	17	177,145	17	87	332	3,723,913	5	693,242
Fifth.....				2	8	50,276	4	29	129	2,020,366	4	524,931
Sixth.....	1	25	531,274	1	3	19,247	11	116	162	3,815,584		
Seventh.....	1	21	228,002	6	23	147,060	10	53	177	2,758,366		
Eighth.....	1	12	293,241	6	44	380,712	28	69	288	2,794,327	5	108,066
Ninth.....	2	44	544,367	5	29	258,011	12	43	190	1,653,401	5	1,038,773
Tenth.....	6	131	3,733,933				14	188	111	6,672,108		
Eleventh.....	5	59	913,229	1	3	39,332	16	108	377	2,223,372	2	81,635
Twelfth.....	4	51	1,137,828	1	10	16,863	20	118	228	3,490,425	6	356,756
Total.....	23	384	8,533,631	33	345	1,238,499	157	866	2,368	31,610,815	28	3,543,488

TABLE 22—EXPLOSIVES USED IN SHIPPING MINES BY DISTRICTS
AND LOCAL MINES FOR THE STATE.

District	For blasting coal			For other purposes	
	Kegs of powder	Pounds of dynamite	Pounds of permissible explosives	Kegs of powder	Pounds of dynamite and permissibles
First.....	4,505		39,325		5,493
Second.....	33,256	20	25	120	
Third.....	29,289	35	17,550	211	100
Fourth.....	227,336	16,750	26,675		59,200
Fifth.....	19,476	1,100	179,481	421	19,784
Sixth.....	28,550		51,350	27	6,815
Seventh.....	28,813	1,175	126,248		4,807
Eighth.....	97,113	125	19,150	59	2,895
Ninth.....	37,235	307,100	167,025		52,000
Tenth.....	465		1,338,775		17,975
Eleventh.....	8,071		159,500		29,325
Twelfth.....	42,741		453,898		28,737
Shipping mines.....	556,850	326,305	2,579,002	838	227,131
Local mines.....	66,923	254	11,925		175
The State.....	623,773	326,559	2,590,927	838	227,306

TABLE 23—MINES USING MECHANICAL LOADERS, NAME OF MACHINE, NUMBER IN USE, TONS MECHANICALLY LOADED, NUMBER OF DAYS OPERATED, AND NUMBER OF MEN BEHIND EACH MACHINE.

No.	Name of operator	Post office of mine	Loading machines		Tons mechanically loaded	Number of men behind each machine	Days machines were used	Total tons mined	Days mine was operated	Total men employed
			Name	Number in use						
1	Brewerton Coal Co., No. 92	Lincoln	Northern	2	215	4	12	150,617	137	338
2	United States Fuel Co., Bumsen	Georgetown	Sullivan	1	3,026	7	35	1,296,163	234	1,074
3	Marion Co. Coal Co.	Centralla	Joy	6	519,159	8	284	519,159	284	242
4	Southern C. C. & M. Co., No. 7	Belleville	Jeffrey	11	150,811	5	147	150,811	147	141
5	Perry Coal Co., St. E.	O'Fallon	Wilson	4	6,684	3	21	137,948	107	290
6	Perry Coal Co., Superior	Belleville	General Conveyor	2	917	3	14	10,732	81	10
7	Union Col. Co.	Dowell	Goodman	6	317,944	13	74	317,944	74	574
8	Wilson C. & M. Co.	Cutler	Joy	10		13				
9	Centralla Coal Co.	Centralla	McKinley	2		13				
10	C. W. & F. Coal Co., No. 2	West Frankfort	Jeffrey	2	17,402	13	176	76,811	183	76
11	Old Ben C. Corp., No. 8	West Frankfort	Wilson Chain	1	47,023	7	51	226,423	119	495
12	Franklin Co. C. Co., No. 7	Bush	Joy	6	56,001	12	60	1,528,888	132	1,902
13	Western C. & M. Co.	Bush	Sullivan	1		12				
14	Franklin Co. M. Co.	Benton	Goodman	5	146,558	12	135	710,804	135	873
15	Black Star Coal Co.	Logan	Eckhoff Conveyor	1	1,739	5	20	570,084	134	784
16	Wascon Coal Co., No. 1	Harrisburg	Wilson Chain	4	61,065	8	115	421,792	115	736
17	J. K. Dering C. Co.	Eldorado	Jeffrey	4	41,109	10	68	265,989	113	472
18	Saline Gas C. Co., No. 3	Ledford	General Conveyor	2	28,228	3	46	113,495	114	209
19	St. Louis Coal & Iron Co.	Johnston City	Conveyor Car loader	19	32,138	8	126	370,303	138	521
20	Peabody Coal Co., No. 16	Cambria	Goodman	2		8				
21	Harrisburg C. M. Co., No. 9	Harrisburg	Jeffrey	10	131,267	3	131	131,267	131	137
			Goodman	3	10,848	4	124	16,248	124	59
			Joy	2	32,784	2	45	85,008	107	133
			Oldroyd	4	521	4	1	521	92	44
			Goodman Shovel	2	52,419	8	92	52,419	92	120
			Joy	2		4				
			Goodman Scraper	2		4				
Total					1,657,858			7,153,616		

TABLE 24—PHYSICAL CHARACTERISTICS OF SHIPPING MINES.

No.	Name of operator and mine	Post office of mine	Output tons	Num-ber of seam	Thick-ness of seam, feet	Shaft, slope, drift or strip	Depth of shaft	Long-wall or pillar and room	Mining	Haulage	Hoisting
BOND COUNTY											
1	Pocahontas Mining Co., No. 1.....	Pocahontas.....	208,081	6	7.	Shaft	400 P. & R.		Both	Both	Steam
BUREAU COUNTY											
1	Spring Valley Coal Co., No. 3.....	Spring Valley.....	38,417	2	3.7	Shaft	457 L. W.		Hand	Mule	Steam
2	St. Paul Coal Co., No. 2.....	Cherry.....	72,791	5	3.5	Shaft	476 L. W.		Hand	Mule	Steam
CHRISTIAN COUNTY											
1	Assumption Coal Co., No. 1.....	Assumption.....	22,708	1 and 2	3.	Shaft	1,004 L. W.		Both	Mule	Steam
2	Pana Coal Co., No. 1.....	Pana.....	45,670	6	7.5	Shaft	729 P. & R.		Hand	Both	Steam
3	Pana Coal Co., No. 2.....	Pana.....	108,587	6	7.5	Shaft	729 P. & R.		Both	Both	Steam
4	Peabody Coal Co., No. 7.....	Kincaid.....	749,748	6	6.5	Shaft	349 P. & R.		Machine	Motor	Electric
5	Peabody Coal Co., No. 8.....	Tovey.....	721,645	6	7.	Shaft	371 P. & R.		Machine	Motor	Electric
6	Peabody Coal Co., No. 9.....	Langleyville.....	428,509	5	7.	Shaft	410 P. & R.		Machine	Motor	Electric
7	Peabody Coal Co., No. 58.....	Taylorville.....	427,787	6	7.5	Shaft	446 P. & R.		Both	Motor	Steam
8	Penwell Coal Co.....	Pana.....	177,145	6	7.5	Shaft	735 P. & R.		Both	Both	Steam
9	Quality Coal Co.....	Edinburg.....	25,882	6	6.	Shaft	365 P. & R.		Hand	Mule	Steam
CLINTON COUNTY											
1	Breese Trenton Mining Co., "Beck".....	Beckemeyer.....	147,461	6	8.	Shaft	450 P. & R.		Machine	Both	Steam
2	Breese Trenton Mining Co., "East".....	Breese.....	95,663	6	7.5	Shaft	485 P. & R.		Machine	Both	Steam
3	Breese Trenton Mining Co., "North".....	Breese.....	46,714	6	7.5	Shaft	465 P. & R.		Hand	Both	Steam
4	Southern Coal, Coke and M. Co., No. 9..	New Baden.....	293,241	6	8.5	Shaft	330 P. & R.		Machine	Motor	Steam
EDGAR COUNTY											
1	Twin States Mining Co.....	Paris.....	16,881	6	4.7	Strip					
FRANKLIN COUNTY											
1	Bell and Zoller Coal and Mining Co., No. 1	Zeigler.....	1,071,508	6	12.	Shaft	454 P. & R.		Both	Motor	Steam
2	Bell and Zoller Coal and Mining Co., No. 2	Zeigler.....	963,497	6	12.	Shaft	310 P. & R.		Both	Motor	Steam

TABLE 24—Continued.

No.	Name of operator and mine	Post office of mine	Output tons	Number of seam	Thickness of seam, feet	Shaft, slope, drift or strip	Depth of shaft	Long-wall or pillar and room	Mining	Haulage	Hoisting
3	Black Star Coal Co., No. 21	Logan	113,495	6	7.5	Shaft	715 P. & R.		Machine	Both	Steam
4	Brewerton Coal Co., No. 1	West Frankfort	189,025	6	8.5	Shaft	456 P. & R.		Machine	Motor	Steam
5	C. W. and F. Coal Co., No. 1	Orient	775,797	6	9.5	Shaft	520 P. & R.		Both	Motor	Electric
6	Franklin Co. Coal Co., No. 2	West Frankfort	1,528,888	6	9.2	Shaft	500 P. & R.		Machine	Motor	Steam
7	Franklin Co. Coal Co., No. 5	Herrin	447,754	6	9.3	Shaft	354 P. & R.		Both	Both	Steam
8	Franklin Co. Coal Co., No. 7	Royalton	570,084	6	9	Shaft	320 P. & R.		Machine	Motor	Steam
9	Franklin County Mining Co.	Benton	265,989	6	7	Shaft	630 P. & R.		Both	Both	Steam
10	Industrial Coal Co., No. 18	West Frankfort	476,081	6	9	Shaft	513 P. & R.		Machine	Motor	Steam
11	Industrial Coal Co., No. 19	West Frankfort	420,943	6	8	Shaft	500 P. & R.		Machine	Both	Steam
12	Old Ben Coal Corp., No. 8	West Frankfort	710,894	6	8.7	Shaft	442 P. & R.		Machine	Motor	Electric
13	Old Ben Coal Corp., No. 9	West Frankfort	24,919	6	8.7	Shaft	474 P. & R.		Machine	Motor	Electric
14	Old Ben Coal Corp., No. 11	West Frankfort	552,974	6	9.5	Shaft	607 P. & R.		Machine	Motor	Electric
15	Old Ben Coal Corp., No. 12	Christopher	331,216	6	8.9	Shaft	495 P. & R.		Machine	Motor	Electric
16	Old Ben Coal Corp., No. 14	Buckner	533,731	6	8	Shaft	459 P. & R.		Machine	Motor	Electric
17	Old Ben Coal Corp., No. 15	Ezra	359,992	6	8.8	Shaft	418 P. & R.		Machine	Motor	Steam
18	Valier Coal Co., No. 1	Valier	602,304	6	8	Shaft	600 P. & R.		Both	Motor	Electric
19	Western Coal and Mining Co., No. 2	Bush	421,792	6	7.5	Shaft	152 P. & R.		Both	Motor	Steam
FULTON COUNTY											
1	Alden Coal Co., No. 5	Farmington	16,421	5	4	Shaft	185 P. & R.		Machine	Mule	Electric
2	Breeds Coal Co.	Breeds	9,204	5	4.7	Shaft	36 P. & R.		Hand	Mule	Steam
3	Canton Coal Co.	Norris	162,158	5	4	Shaft	180 P. & R.		Machine	Both	Steam
4	Cuba Coal Co., No. 1	Cuba	2,193	5	5.5	Shaft	75 P. & R.		Hand	Mule	Steam
5	Dorthel Coal Co., No. 2	Farmington	131,365	6	4.5	Shaft	96 P. & R.		Both	Both	Electric
6	Dorthel Coal Co., No. 3	Farmington	66,433	6	4	Shaft	100 P. & R.		Both	Both	Electric
7	Farmington Coal Mining Co.	Farmington	1,180	5	4	Shaft	40 P. & R.		Machine	Both	Electric
8	G. and L. Coal Co.	Breeds	9,723	5	4.2	Slope	5 P. & R.		Hand	Mule	Horse
9	Putnam Coal Co., No. 1	Breeds	12,658	5	4	Drift	84 P. & R.		Both	Both	Electric
10	Rawatt Coal Co.	Canton	55,881	5	4.8	Shaft	60 P. & R.		Both	Both	Electric
11	Saline Co. Coal Corp., No. 22	St. David	111,964	5	4	Drift	50 P. & R.		Both	Both	Electric
12	Silver Creek Colliery Co., No. 1	Farmington	46,502	5	4	Drift	50 P. & R.		Machine	Mule	Electric
13	Tony Tomlinovich, No. 1	Canton R. R. 6	9,926	5	4.9	Drift	40				
14	United Electric Coal Co.	Cuba	740,083	5	5	Strip					

GALLATIN COUNTY

1	Saline Gas Coal Co., No. 4	Equality	26, 253	5	5.5 Shaft	80 P. & R.	Machine	Both	Steam
2	Saline River Coal Co.	Junction	19, 028	5	Slope	P. & R.	Machine		

GRUNDY COUNTY

1	Sunlight Coal Co., No. 7	Verona	227, 511	1	7.5 Shaft	100 P. & R.	Machine	Both	Electric
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HENRY COUNTY

1	Shular Coal Mining	Alpha	46, 616	1	4.8 Shaft	265 P. & R.	Hand	Mule	Electric
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JACKSON COUNTY

1	Black Servant Coal Co.	Elkville	328, 587	6	5.8 Strip	201 Strip		Steam	Electric
2	The Consolidated Coal Co., No. 10	Murphysboro	30, 200	2	5 Shaft	130 P. & R.			
3	Forsythe Coal Co.	DeSoto	284, 139	6	7.5 Strip	30 Strip	Machine	Mule	Horse
4	Murphysboro Mining Co.	Vergennes	2, 000	6	4.3 Shaft	50	Machine	Motor	Electric
5	Union Colliery Co.	Dowell	317, 944	6	8.7 Shaft	260 P. & R.			

JEFFERSON COUNTY

1	Illinois Coal Corp., No. 10	Nason	45, 160	6	8.5 Shaft	720 P. & R.	Machine	Motor	Steam
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KNOX COUNTY

1	Galesburg Mining Co., No. 1	Galesburg	104, 197	1	4.5 Shaft	110 P. & R.	Hand	Both	Steam
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LA SALLE COUNTY

1	Carbon Coal Co., No. 1	LaSalle, R. R. 3	46, 190	2	3.5 Shaft	440 L. W.	Both	Both	Steam
2	Carbon Coal Co., LaSalle	LaSalle	28, 291	2	3.5 Shaft	400 L. W.	Machine	Both	Steam
3	Carbon Coal Co., Union	Peru	39, 665	2	3.5 Shaft	400 L. W.	Machine	Both	Electric
4	Illinois Zinc Co., No. 3	Peru	78, 570	2	3.5 Shaft	336 L. W.	Hand	Both	Electric

LOGAN COUNTY

1	Brewerton Coal Co., No. 92	Lincoln	150, 617	5	5.2 Shaft	285 P. & R.	Both	Both	Steam
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MACON COUNTY

1	Macon County Coal Co.	Decatur	128, 220	5	4.5 Shaft	600 L. W.	Machine	Both	Steam
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TABLE 24—Continued.

No.	Name of operator and mine	Post office of mine	Output tons	Num-ber of seam	Thick-ness of seam, feet	Shaft, slope, drift or strip	Depth of shaft	Long-wall or pillar room	Mining	Haulage	Hoisting
MACOUPIN COUNTY											
1	Consolidated Coal Co., No. 7	Staunton	318, 103	6	7	Shaft	365 P. & R.		Machine	Both	Steam
2	Consolidated Coal Co., No. 15	Mt. Olive	598, 703	6	7.5	Shaft	375 P. & R.		Machine	Both	Steam
3	Gillespie Coal Co., No. 1	Gillespie	183, 479	6	8	Shaft	347 P. & R.		Machine	Both	Electric
4	Madison Coal Co., No. 5	Mt. Olive	173, 339	6	7.5	Shaft	420 P. & R.		Machine	Both	Steam
5	South Mine Coal Co., No. 1	Carlinville	19, 247	6	5.5	Shaft	251 P. & R.		Machine	Mule	Mule
6	Superior Coal Co., No. 1	Gillespie	409, 075	6	7	Shaft	338 P. & R.		Machine	Both	Steam
7	Superior Coal Co., No. 2	Gillespie	484, 046	6	7.4	Shaft	321 P. & R.		Machine	Both	Steam
8	Superior Coal Co., No. 3	Gillespie	588, 052	6	7	Shaft	347 P. & R.		Machine	Both	Steam
9	Superior Coal Co., No. 4	Gillespie	523, 866	6	7	Shaft	314 P. & R.		Machine	Both	Steam
MADISON COUNTY											
1	Bullock Mining Co.,	Collinsville	58, 563	6	6.5	Shaft	185 P. & R.		Hand	Mule	Steam
2	Bunker Hill Coal Co.,	Collinsville	36, 715	6	6	Shaft	200 P. & R.		Machine	Mule	Steam
3	Collinsville Coal Corp., No. 1	Collinsville	20, 829	6	6	Shaft	100 P. & R.		Hand	Mule	Steam
4	Carlin Coal Co.,	Bethalto	14, 986	6	4.5	Shaft	68 P. & R.		Machine	Mule	Steam
5	Donk Bros. C. and C. Co., No. 4	Edwardsville	228, 002	6	6	Shaft	207 P. & R.		Machine	Motor	Steam
6	East Side Coal Co., No. 1	Edwardsville	12, 859	6	6	Shaft	135 P. & R.		Hand	Mule	Steam
7	Henretta Coal Co., No. 1	Edwardsville	3, 108	6	5.5	Shaft	200 P. & R.		Hand	Mule	Steam
8	Lumaghi Coal Co., No. 2	Collinsville	389, 094	6	8	Shaft	195 P. & R.		Machine	Both	Steam
9	Lumaghi Coal Co., No. 3	Collinsville	59, 945	6	7.5	Shaft	200 P. & R.		Hand	Both	Steam
10	Madison Coal Co., No. 2	Glen Carbon	333, 168	6	7	Shaft	96 P. & R.		Machine	Both	Steam
11	Mt. Olive and Staunton Coal Co., No. 2	Staunton	581, 185	6	6.5	Shaft	317 P. & R.		Machine	Both	Steam
12	New Staunton Coal Co., No. 1	Livingston	275, 024	6	6.2	Shaft	287 P. & R.		Machine	Motor	Steam
13	Troy Coal Co., No. 1	Troy	116, 756	6	5.5	Shaft	287 P. & R.		Both	Both	Steam
14	O. L. Winkle Coal Co.,	Edwardsville	40, 081	6	5.5	Shaft	137 P. & R.		Both	Both	Electric
MARION COUNTY											
1	Marion Co. Coal Co.,	Centralia	519, 159	6	6.5	Shaft	600 P. & R.		Machine	Both	Steam
2	Odin Coal Co.,	Odin	235, 873	6	6.5	Shaft	714 P. & R.		Machine	Both	Steam
MERCER COUNTY											
1	Alden Coal Co., No. 7	Matherville	36, 445	1	4	Shaft	90 P. & R.		Hand	Both	Electric

MONTGOMERY COUNTY

1	Cosgrove-Meehan Coal Co., No. 5.....	Panama.....	313, 266	6	6	5 Shaft	381 P. & R.	Both	Steam
2	Hillsboro Coal Co., No. 1.....	Hillsboro.....	189, 705	6	6	7 Shaft	450 P. & R.	Both	Steam
3	Indiana-Illinois Coal Corp., No. 10.....	Nokomis.....	531, 274	6	6	7 Shaft	640 P. & R.	Motor	Electric

PEORIA COUNTY

1	Central West Coal Co., No. 3.....	Edwards.....	43, 575	5	4	Drift	P. & R.	Both	Electric
2	Crescent Coal Co., No. 1.....	Peoria.....	259, 395	5	4	3 Slope	130 P. & R.	Both	Electric
3	Crescent Coal Co., No. 5.....	Peoria.....	82, 393	5	4	3 Slope	130 P. & R.	Both	Electric
4	Crescent Coal Co., No. 6.....	Peoria.....	180, 129	5	4	3 Shaft	62 P. & R.	Both	Electric
5	Dorthel Coal Co., No. 1.....	Hanna City.....	142, 953	5	4	5 Shaft	240 P. & R.	Both	Electric
6	East Mapleton Coal Co., No. 1.....	Mapleton.....	19, 378	5	4	5 Slope	P. & R.	Both	Electric
7	Glasford Coal Co., No. 4.....	Glasford.....	16, 030	5	4	5 Shaft	145 P. & R.	Both	Steam

PERRY COUNTY

1	Bailey Bros. Coal Co., No. 45.....	Duquoin.....	8, 578	6	5	Shaft	70 P. & R.	Both	Steam
2	Brewerton Coal Co., No. 45.....	Pineknayville.....	41, 972	6	6	5 Shaft	149 P. & R.	Both	Steam
3	Columbia Collieries Co., No. 1.....	Swanwick.....	113, 737	6	7	Shaft	292 P. & R.	Both	Electric
4	Greer-Clinch Coal Co., No. 1.....	Duquoin.....	482, 154	6	8	Shaft	425 P. & R.	Both	Steam
5	Gayle Coal Co., No. 1.....	Duquoin.....	156, 909	6	5	5 Strip	365 P. & R.	Both	Steam
6	Paradise Coal Co., No. 1.....	Duquoin.....	92, 485	6	9	Shaft	365 P. & R.	Both	Steam
7	Perfection Coal Co., No. 1.....	Duquoin.....	103, 308	6	6	Strip	276 P. & R.	Both	Steam
8	Perry Coal Co., No. 2.....	Coulterville.....	186, 138	6	7	Shaft	35	Both	Steam
9	Pyramid Coal Corp., No. 2.....	Pineknayville.....	165, 832	6	6	Strip	90 P. & R.	Both	Steam
10	Security Coal and Mining Co., No. 1.....	Duquoin.....	181, 117	6	7	5 Shaft	72 P. & R.	Both	Steam
11	Willis Coal and Mining Co., No. 8.....	Willisville.....	17, 000	6	6	Shaft	120 P. & R.	Mule	Steam
12	Wilson Coal and Mining Co., No. 8.....	Cutler.....	76, 811	6	6	5 Shaft	120 P. & R.	Mule	Steam

RANDOLPH COUNTY

1	Jones Bros. Coal Co., No. 2.....	Tilden.....	96, 554	6	6	Shaft	180 P. & R.	Both	Steam
2	Moffatt Coal Co., No. 1.....	Sparta.....	247, 224	6	6	Shaft	140 P. & R.	Both	Steam
3	Sparta Coal Mining Co., No. 4.....	Sparta.....	48, 255	6	6	Shaft	70 P. & R.	Both	Steam
4	St. Louis Coal Co., No. 4.....	Coulterville.....	143, 314	6	5	8 Shaft	200 P. & R.	Both	Steam
5	Willis Coal Mining Co., No. 7.....	Sparta.....	78, 137	6	5	5 Shaft	150 P. & R.	Both	Steam

TABLE 24—Continued.

No.	Name of operator and mine	Post office of mine	Output tons	Number of seam	Thickness of seam, feet	Shaft, slope, drift or strip	Depth of shaft	Long-wall or pillar and room	Mining	Haulage	Hoisting
									Hand machine or both	Motor mule or both	Steam or electric
SALINE COUNTY											
1	Dering, J. K. Coal Co., No. 2	Eldorado	131, 267	5	6	Shaft	465 P. & R.		Machine	Motor	Steam
2	Harrisburg Coal Mining Co., No. 1	Harrisburg	48, 550	5	6.5	Shaft	200 P. & R.		Machine	Both	Electric
3	Harrisburg Coal Mining Co., No. 2	Ledford	81, 209	5	6.7	Strip			Both		
4	Harrisburg Coal Mining Co., No. 4	Ledford	22, 264	5	6.5	Slope					
5	Harrisburg Coal Mining Co., No. 8	Harrisburg	426	5	6	Strip					
6	Harrisburg Coal Mining Co., No. 9	Harrisburg	52, 419	5							
7	O'Gara Coal Co., No. 1	Harrisburg	361, 202	5	5	Slope	100 P. & R.		Machine	Both	Electric
8	O'Gara Coal Co., No. 3	Harrisburg	81, 595	5	5	Shaft	315 P. & R.		Machine	Both	Steam
9	O'Gara Coal Co., No. 8	Harrisburg	69, 488	5	5	Shaft	334 P. & R.		Machine	Both	Steam
10	O'Gara Coal Co., No. 10	Harrisburg	252, 922	5	5	Shaft	406 P. & R.		Machine	Both	Steam
11	O'Gara Coal Co., No. 12	Harrisburg	226, 347	5	5	Shaft	413 P. & R.		Machine	Both	Steam
12	O'Gara Coal Co., No. 15	Harrisburg	134, 893	5	5	Shaft	465 P. & R.		Machine	Both	Steam
13	Saline County Coal Corp., No. 2	Ledford	90, 076	5	6	Shaft	100 P. & R.		Machine	Both	Steam
14	Saline County Coal Corp., No. 3	Harrisburg	414, 178	5	6	Shaft	256 P. & R.		Machine	Motor	Steam
15	Saline County Coal Corp., No. 4	Harrisburg	193, 338	5	4	Shaft	336 P. & R.		Machine	Both	Steam
16	Saline County Coal Corp., No. 6	Grayson	8, 383	5	5	Shaft	456 P. & R.		Machine	Both	Steam
17	Saline County Coal Corp., No. 7	Harrisburg	451, 382	5	5	Shaft	280 P. & R.		Machine	Both	Steam
18	Saline Gas Coal Co., No. 3	Ledford	46, 248	2	5	Slope	54 P.		Machine	Mule	Electric
19	Saline Valley Coal Co., No. 1	Carrier Mills	39, 332	5	5	Shaft	320 P. & R.		Machine	Both	Electric
20	Wasson Coal Co., No. 1	Harrisburg	320, 303	5	5	Slope	40 P. & R.		Machine	Motor	Electric
21	Wasson Coal Co., No. 2	Harrisburg	109, 764	5	4	Slope					
SANGAMON COUNTY											
1	Brewerton Coal Co., No. 81	Springfield	126, 563	5	5	Shaft	260 P. & R.		Hand	Both	Electric
2	Buckley Coal Co., No. 1	Springfield	304, 808	6	6	Shaft	207 P. & R.		Hand	Both	Electric
3	Central Illinois Coal Mining Co.	Springfield	164, 665	5	5	Shaft	185 P. & R.		Hand	Both	Steam
4	Chicago, Springfield Coal Co.	Springfield	57, 566	5	5	Shaft	230 P. & R.		Hand	Both	Steam
5	Illinois Coal Corporation, No. 1	Springfield	113, 141	6	5	Shaft	230 P. & R.		Hand	Both	Steam
6	New North Coal Mining Co.	Springfield	91, 795	5	5	Shaft	250 P. & R.		Hand	Both	Steam
7	Panther Creek Mines Inc., No. 1	Atburn	420, 935	5	7	Shaft	275 P. & R.		Both	Motor	Steam
8	Panther Creek Mines Inc., No. 3	Springfield	65, 135	5	6	Shaft	175 P. & R.		Hand	Both	Steam
9	Panther Creek Mines Inc., No. 4	Springfield	52, 200	5	5	Shaft	150 P. & R.		Hand	Both	Steam
10	Peabody Coal Co., No. 16	Sherman	254, 502	5	6	Shaft	302 P. & R.		Hand	Both	Steam
11	Peabody Coal Co., No. 51	Springfield	128, 659	6	5	Shaft	235 P. & R.		Both	Both	Steam
12	Peabody Coal Co., No. 52	Riverton	249, 029	5	5	Shaft	235 P. & R.		Hand	Both	Steam

13	Peabody Coal Co., No. 53.	Springfield.	262, 209	5	5. 8 Shaft	250 P. & R.	Hand	Motor	Steam
14	Peabody Coal Co., No. 55.	Springfield.	300, 350	5	5. 2 Shaft	241 P. & R.	Hand	Both	Steam
15	Peabody Coal Co., No. 57.	Springfield.	279, 617	5	6. Shaft	235 P. & R.	Hand	Both	Steam
16	Sangamon Coal Co., No. 2.	Springfield.	162, 626	5	5. 8 Shaft	265 P. & R.	Hand	Both	Steam
ST. CLAIR COUNTY									
1	Aluminum Ore Co.	Belleville.	89, 229	6	6. Shaft	50 P. & R.	Machine	Both	Electric
2	Chapple and Mowe Coal Co.	Caseyville.	22, 820	6	6. 5 Shaft	135 P. & R.	Hand	Mule	Steam
3	Columbia Coal Co.	Lenzburg.	5, 539	6	7. Shaft	120 P. & R.	Hand	Both	Electric
4	Consolidated Coal Co., No. 17.	Collinsville.	116, 129	6	6. Shaft	232 P. & R.	Machine	Both	Steam
5	Egyptian Coal and Mining Co., "Meek".	Marissa.	89, 396	6	6. 5 Shaft	220 P. & R.	Hand	Both	Steam
6	Egyptian Coal and Mining Co., "OK".	Marissa.	12, 482	6	6. 5 Shaft	120 P. & R.	Hand	Both	Steam
7	Eldnar Coal Co.	Belleville.	73, 742	6	6. 5 Shaft	110 P. & R.	Hand	Both	Steam
8	Ell-Rich Mining Co.	Belleville.	88, 303	6	6. 5 Slope	100 P. & R.	Hand	Both	Steam
9	Fullerton Coal Co.	Belleville.	90, 632	6	6. 8 Shaft	165 P. & R.	Hand	Mule	Steam
10	Golden Rule Coal Co.	Lenzburg.	96, 819	6	6. 8 Shaft	60 P. & R.	Hand	Both	Steam
11	Groom Coal Co.	Belleville.	96, 914	6	7. Shaft	100 P. & R.	Hand	Motor	Steam
12	Guest Coal Co.	Belleville.	71, 599	6	6. 5 Shaft	180 P. & R.	Machine	Both	Electric
13	Hibbard Coal Co.	E. St. Louis.	128, 168	6	6. Drift	.....	.....	.....	.....
14	Gundlach Coal Co.	Belleville.	1, 103	6	6. Shaft	65 P. & R.	Hand	Motor	Electric
15	Jones Bros. Coal Co., No. 1.	Marissa.	50, 217	6	6. 5 Shaft	120 P. & R.	Hand	Mule	Steam
16	Kohy Coal Co., No. 1.	Mascoutah.	41, 553	6	6. 5 Shaft	175 P. & R.	Hand	Both	Steam
17	Kohy Coal Co., No. 2.	Mascoutah.	39, 460	6	6. 5 Shaft	175 P. & R.	Hand	Both	Steam
18	Lou-Nash Coal Co., No. 2.	Rentchler.	3, 514	6	7. Shaft	114 P. & R.	Hand	Mule	Steam
19	Lyle Coal Co.	Marissa.	67, 730	6	7. Shaft	100 P. & R.	Hand	Both	Steam
20	Miller, H. E. Coal Co.	Caseyville.	81, 256	6	6. Shaft	200 P. & R.	Hand	Nut	Steam
21	Mulberry Hill Coal Co.	Freeburg.	148, 386	6	7. Shaft	150 P. & R.	Both	Both	Steam
22	New National Coal and Mining Co.	Belleville.	99, 908	6	7. Shaft	170 P. & R.	Hand	Both	Steam
23	Perry Coal Co., "Cannon".	O'Fallon.	122, 488	6	7. Shaft	180 P. & R.	Hand	Both	Steam
24	Perry Coal Co., "St. Ellen".	O'Fallon.	137, 948	6	7. Shaft	209 P. & R.	Hand	Both	Steam
25	Perry Coal Co., "Superior".	Belleville.	10, 732	6	9. 5 Shaft	100 P. & R.	Both	Both	Steam
26	Perry Coal Co., "Taylor".	O'Fallon.	114, 117	6	6. 7 Shaft	200 P. & R.	Hand	Both	Steam
27	Quality Coal and Mining Co.	Belleville.	70, 631	6	6. 7 Shaft	180 P. & R.	Both	Both	Electric
28	Reichert Coal Co.	Freeburg.	77, 340	6	6. Shaft	140 P. & R.	Hand	Both	Steam
29	Service Coal Co.	Belleville.	24, 124	6	6. Shaft	118 P. & R.	Hand	Both	Steam
30	Southern Coal, Coke and Min. Co., No. 6.	Belleville.	64, 755	6	7. Shaft	180 P. & R.	Hand	Both	Electric
31	Southern Coal, Coke and Min. Co., No. 7.	Belleville.	150, 811	6	7. 5 Shaft	180 P. & R.	Machine	Both	Steam
32	Southern Coal, Coke and Min. Co., No. 8.	Belleville.	146, 928	6	7. 5 Shaft	150 P. & R.	Machine	Motor	Steam
33	St. Louis and O'Fallon Coal Co., No. 1.	East St. Louis.	65, 615	6	6. Shaft	140 P. & R.	Hand	Both	Steam
34	St. Louis and O'Fallon Coal Co., No. 2.	East St. Louis.	436, 615	6	6. Shaft	200 P. & R.	Machine	Both	Steam
35	Summit Coal Co.	Belleville.	47, 763	2	7. Shaft	185 P. & R.	Hand	Mule	Steam
36	United Electric Coal Co., No. 13.	Freeburg.	50, 525	6	6. 5 Strip	.....	.....	.....	.....
SHELBY COUNTY									
1	Moweaqua Coal Mining Co., No. 1.	Moweaqua.	33, 950	5	5. 2 Shaft	618 P. & R.	Machine	Both	Steam

TABLE 24—Concluded.

No.	Name of operator and mine	Post office of mine	Output tons	Num-ber of seam	Thick-ness of seam, feet	Shaft, slope, drift or strip	Depth of shaft	Long-wall or pillar and room	Mining	Haulage	Hoisting
	TAZEWELL COUNTY										
1	Crescent Coal Co., No. 2.....	Peoria.....	138,786	5	4.3 Shaft		180 P. & R.		Machine	Both	Electric
2	Lake Erie Mining Co.....	Peoria.....	207,167	5	4.2 Slope		P. & R.		Machine	Both	Electric
3	Ubben Coal Co.....	Pekin.....	39,022	5	4.5 Shaft		90 P. & R.		Machine	Motor	Electric
	VERMILION COUNTY										
1	McComb Coal Co.....	Danville.....	6,575	7	6.5 Slope		110 P. & R.		Hand	Mule	Electric
2	Peabody Coal Co., No. 24.....	Danville.....	7,083	6	6. Shaft		214 P. & R.		Machine	Both	Steam
3	Taylor English Coal Co., No. 2.....	Catin.....	4,742	7	5. Shaft		170 P. & R.		Hand	Mule	Steam
4	United Electric Coal Co., No. 1.....	Danville.....	349,136	7	5.8 Strip						
5	United Electric Coal Co., No. 12.....	Danville.....	152,339	7	5.9 Strip						
6	United Electric Coal Co., No. 14.....	Danville.....	2,852	7	5.8 Drift		P. & R.		Machine	Mule	
7	United States Fuel Co., "Bth.".....	Georgetown.....	1,296,163	6	6.5 Shaft		213 P. & R.		Both	Both	Electric
8	United States Fuel Co., "Ver.".....	Georgetown.....	588,900	6	6.5 Shaft		180 P. & R.		Both	Both	Steam
	WASHINGTON COUNTY										
1	Centralia Coal Co., No. 5.....	Centralia.....	226,423	6	6.6 Shaft		536 P. & R.		Both	Motor	Steam
2	Clarkson Coal and Mining Co., No. 1.....	Nashville.....	65,736	6	5.7 Shaft		415 P. & R.		Both	Both	Steam
	WHITE COUNTY										
1	Fireband Fuel, Inc., No. 1.....	Norris City.....	56,191	6	5. Shaft		640 P. & R.		Machine	Both	Steam
	WILLIAMSON COUNTY										
1	Big Muddy Co., No. 26.....	Johnston City.....	248,895	6	7.5 Shaft		120 P. & R.		Both	Both	Steam
2	Carbon Fuel Co.....	Marion.....	53,347	6	6.5 Slope		120 P. & R.		Machine	Both	Electric
3	Cartersville Black Diamond C. Co., No. 3.....	Herrin.....	16,863	5	4.5 Slope		40 P. & R.		Pony	Both	Electric
4	C. W. and F. Mining Co., "A".....	Herrin.....	490,235	6	9. Shaft		180 P. & R.		Machine	Both	Steam
5	City Lake Coal Co., No. 2.....	Herrin.....	4,145	6	8.5 Slope		150 P. & R.		Hand	Mule	Electric
6	Consolidated Coal Co., No. 7.....	Herrin.....	188,490	6	8.5 Shaft		140 P. & R.		Both	Both	Steam
7	Consolidated Coal Co., "Lake Creek".....	Johnston City.....	258,940	6	9. Shaft		320 P. & R.		Machine	Motor	Steam
8	Cosgrove-Meehan Coal Co., No. 1.....	Johnston City.....	412,899	6	8. Shaft		225 P. & R.		Both	Both	Steam
9	Cosgrove-Meehan Coal Co., No. 2.....	Pittsburg.....	448,867	6	6.6 Shaft		225 P. & R.		Both	Both	Steam
10	Cosgrove-Meehan Coal Co., No. 3.....	Marion.....	234,366	6	6. Shaft		225 P. & R.		Both	Motor	Steam

TABLE 25—SUMMARY OF PHYSICAL CHARACTERISTICS BY SEAMS WORKED.

Geological number of seam	Number		Opening				Working			Output tons
	Coun- ties	Mines	Shaft	Slope	Drift	Strip	Long- wall	Pillar and room	Strip	
One.....	3	3	3					3		378, 324
One and two..	1	1	1				1			22, 708
Two.....	5	8	8				6	2		377, 644
Three.....	1	1	1				1			8, 117
Four.....	1	1	1					1		36, 445
Five.....	12	68	47	13	4	4	2	62	4	9, 042, 194
Six.....	20	154	139	5	1	9		145	9	34, 502, 675
Seven.....	1	5	1	1	1	2		3	2	558, 326
Total.....	34	241	201	19	6	15	10	216	15	44, 926, 433

TABLE 26—LIST OF FATALITIES IN AND ABOUT THE MINES, 1927.

Name of person killed	Age	Occupation	Residence	Date of death	Cause of death	By whom employed
Alrich, Joe.....	51	Shot firer..	W. Frankfort..	Jan. 17	Falling rock.....	Old Ben Coal Corp., No. 8
Ambrose, George..	25	Miner.....	Ledford.....	Mar. 30	Gas explosion.....	Saline Co. Coal Corp., No. 2
Anderson, Dave..	50	Loader.....	Johnston City.	Dec. 20	Gas explosion.....	Cosgrove-Meehan Coal Co., No. 1
Anderson, Harry..	53	Loader.....	Cuba.....	Nov. 9	Machinery.....	Bell and Zoller Coal Co., No. 2
Airnear, Ross.....	30	Triprider..	Christopher..	Jan. 7	Pit cars.....	United Electric Coal Co., No. 9
Arnold, J. E.....	39	Loader.....	Herrin.....	Nov. 8	Falling rock.....	Cosgrove-Meehan Coal Co., No. 1
Ballestri, Ettore..	42	Machine-man.....	W. Frankfort..	Jan. 5	Falling coal.....	Gillespie Coal Co.
Beetler, George..	30	Motorman..	Pekin.....	Sept. 12	Electrocuted.....	East Mapleton Coal Co.
Bertot, Dominic..	19	Triprider..	Collinsville..	Jan. 12	Motor.....	Lumaghi Coal Co., No. 2
Bibby, Wm. E.....	45	Miner.....	Peoria.....	Dec. 28	Gas explosion.....	Crescent Coal Co., No. 2
Bidford, James..	51	Shotfirer..	Lincoln.....	Dec. 2	Falling slate.....	Brewerton Coal Co., No. 92
Blaezkovitch, Buel	50	Loader.....	Zeigler.....	Mar. 29	Falling coal.....	Bell & Zoller Coal Co., No. 1
Bohlman, George..	49	Mach. man	Gillespie.....	Jan. 5	Falling coal.....	Gillespie Coal Co.
Brayfield, John..	60	Miner.....	Coulterville..	Dec. 29	Falling rock.....	Perry Coal Co., Perco
Buckles, Wm.....	33	Laborer.....	Taylorville..	Apr. 25	Falling cage.....	Peabody Coal Co., No. 58
Cagle, Fred.....	47	Loader.....	Marion.....	Dec. 20	Gas explosion.....	Cosgrove-Meehan Coal Co., No. 1
Calunacco, Pete..	36	Miner.....	Auburn.....	Apr. 7	Erysipelas, from injury to nose.	Panther Creek Mines, No. 1
Clarke, Howard..	30	Oiler.....	Pickneyville..	Sept. 8	Machinery.....	Pyramid Coal Corp., No. 2
Corrolts, G.....	37	Loader.....	Johnston City.	Dec. 20	Gas explosion.....	Cosgrove-Meehan Coal Co., No. 1
Cusimions, Vito..	33	Miner.....	Marion.....	Aug. 1	Falling rock.....	Puritan Coal Co.
DeWitt, Samuel..	17	Miner.....	Mason City..	Dec. 10	Falling slate.....	Greenview Coal Co.
Dorris, Peter.....	56	Miner.....	Ledford.....	Mar. 30	Gas explosion.....	Saline Coal Co., Corp. No. 2
Doubet, Earl.....	26	Laborer.....	Peoria.....	Feb. 6	Struck by chain..	Crescent Coal Co., No. 1
Du Four.....	29	Miner.....	Auburn.....	Dec. 12	Motor.....	Panther Creek Mine, No. 1
Eccles, Dale.....	23	Mach. man	Panama.....	Mar. 17	Falling coal.....	Cosgrove-Meehan Coal Co., No. 5
Evans, Paul.....	27	Driver.....	Georgetown..	Jan. 20	Falling rock.....	U. S. Fuel Co. Bunsen
Felber, Wm.....	44	Miner.....	Ledford.....	Mar. 30	Gas explosion.....	Saline Co. Coal Corp., No. 2
Ferrell, Fred.....	28	Triprider..	Dowell.....	Feb. 15	Pit cars.....	Union Colliery Co.
Ford, W. H.....	26	Motorman..	Harrisburg..	Dec. 1	Struck by rail.....	O'Gara Coal Co., No. 1
Franklin, Aron..	35	Miner.....	W. Frankfort..	Dec. 29	Pit cars.....	Industrial Coal Co., No. 18
Gibson, Ira W.....	a	Ast. mgr.	Eldorado.....	Apr. 6	Electrocuted.....	O'Gara Coal Co., No. 8
Gilbert, Neil.....	52	Miner.....	Marion.....	Mar. 28	Falling rock.....	City Lake Coal Co.

a. Not Reported.

TABLE 26—Continued.

Name of person killed	Age	Occupation	Residence	Date of death	Cause of death	By whom employed
Graves, Melvin....	45	Miner....	a.....	Oct. 11	Falling coal.....	O'Gara Coal Co., No. 1
Groves, Earl....	42	Cager....	Marion.....	Jan. 12	Fell into sump....	Slogo Coal Co.
Grubb, George....	40	Loader....	Whiteash....	Dec. 20	Gas explosion....	Cosgrove-Meehan Coal Co., No. 1
Harris, Albert....	53	Trackman.	Carriers Mills.	Dec. 2	Caught between motor & door....	Saline Co. Coal Corp., No. 4
Henrick, Loyd E..	39	Foreman..	E. Peoria....	Mar. 27	Falling rock.....	Lake Erie Coal Mining Co.
Hogan, Anthony..	29	Triprider..	W. Frankfort..	Feb. 25	Pit cars.....	Industrial Coal Co., No. 18
Holesko, Mike....	60	Miner....	Gillespie....	Feb. 22	Falling coal.....	Gillespie Coal Co.
Huelskamp, Chas..	55	Miner....	Elkville....	Mar. 30	Falling coal.....	Paradise Coal Co.
Huggins, Abija...	20	Miner....	Winkle.....	Oct. 14	Falling rock.....	Columbia Colliery Co., B. E.
Hyslop, James....	34	Miner....	Stonington....	Feb. 17	Falling coal.....	Peabody Coal Co., No. 58
Jones, Wm. R....	37	Loader....	Marion.....	Dec. 20	Gas explosion....	Cosgrove-Meehan Coal Co., No. 1
Karnes, Jacob....	43	Loader....	W. Frankfort..	Dec. 6	Falling coal.....	Old Ben Coal Corp., No. 8
Kelly, Thomas....	63	Trackman.	Sparta.....	Oct. 19	Fall of person....	Willis C. & M. Co., No. 7
Kinnamon, John..	68	Miner....	Ipava.....	Dec. 10	Falling coal.....	Saune Co. Coal Corp., No. 7
Klanich, John....	43	Loader....	W. Frankfort..	Dec. 6	Falling coal.....	Old Ben Coal Corp., No. 8
Lavender, Almus..	26	Motorman	Marion.....	Dec. 20	Gas explosion....	Cosgrove-Meehan Coal Co., No. 1
Lebruska, James..	56	Miner....	E. St. Louis..	Feb. 26	Falling coal.....	St. Louis & O'Fallon Coal Co., No. 1
Lewis, James E..	45	Miner....	Tallula.....	Jan. 18	Shot explosion....	Fred Otken
Lippiatt, Thomas.	22	Miner....	Harrisburg....	Sept. 9	Falling rock.....	Saline Co. Coal Corp., No. 7
Lowder, Oren....	32	Miner....	Chesterfield..	Aug. 7	Fell down shaft..	Laudr & Falsetti
Lynch, Claude....	26	Miner....	Ledford.....	Mar. 30	Gas explosion....	Saline Co. Coal Corp., No. 2
Mark, Rowan....	38	Miner....	Panama.....	Dec. 31	Powder explosion.	Cosgrove-Meehan Coal Co., No. 5
Martin, Chas., Sr..	52	Miner....	Oakwood.....	May 4	Suffocated.....	Martin & Musselman
Martin, Chas., Jr.	22	Miner....	Oakwood 1....	May 4	Suffocated.....	Martin & Musselman
Mason, Joseph....	40	Miner....	Nokomis.....	Mar. 7	Falling coal.....	Ind. & Ill. Coal Corp., No. 10
McCarthy, A. B..	56	Shot firer	Riverton.....	Jan. 10	Shot explosion....	Peabody Coal Co., No. 52
McCowan, Debs..	20	Triprider..	W. Frankfort..	Jan. 6	Pit cars.....	Industrial Coal Co., No. 18
McCuan, Lester..	26	Spragger..	Marion.....	Jan. 16	Fell into sump....	Slogo Coal Co.
McKeown, Thos..	41	Shot firer	Andrew.....	Jan. 10	Shot explosion....	Peabody Coal Co., No. 51
Melchoir, Dominic	54	Wireman..	Sesser.....	Oct. 29	Pit cars.....	Old Ben Coal Corp., No. 8
Morris, Lee.....	30	Miner....	Ledford.....	Mar. 30	Gas. explosion....	Saline Co. Coal Corp., No. 2
Menas, John....	55	Miner....	Valier.....	Mar. 12	Pit cars.....	Valier Coal Co.
Milouskas, Frank.	55	Miner....	Westville....	Feb. 18	Falling rock.....	U. S. Fuel Co., Bunsen
Miller, Rudolph..	53	Miner....	E. St. Louis..	Nov. 2	Electrocuted....	Victoria Coal Co.
Mikutis, Chas....	42	Loader....	W. Frankfort..	Feb. 6	Pit cars.....	C. W. & F. C. Co., No. 1
Moorehead, El'rd.	52	Miner....	Harrisburg....	Mar. 26	Falling slate....	O'Gara Coal Co., No. 12
Mellor, John....	40	Engineer..	Peoria.....	Mar. 5	Fell out of tippel.	Hilltop Mining Co.
Mosley, Carl....	23	Triprider..	W. Frankfort..	Nov. 29	Motor.....	C. W. & F. C. Co., No. 2
Moss, Oscar....	38	Pumpman..	Sunfield.....	Jan. 28	R. R. Cars.....	Perfection Coal Co.
Muchensturn, Joe	43	Miner....	Belleville....	May 18	Falling slate....	Gundlach Coal Co.
Murphy, Chas. L..	45	Miner....	Glasford.....	Mar. 10	Falling coal.....	Glasford Coal Co.
Nauting, Albert..	46	Miner....	Casewville....	Jan. 27	Falling slate....	Gundlach Coal Co.
Nozzy, John....	44	Miner....	Muddy.....	Oct. 19	Rupture, lifting coal.....	Wasson Coal Co., No. 1
Olivia, Frisla....	27	Miner....	Staunton.....	Mar. 16	Falling rock.....	Consolidated C. Co., No. 7
Powell, Elmer E..	52	Motorman.	Springfield..	Jan. 20	Pit cars.....	Cen. Ill. C. M. Co.
Penrod, Ethan....	33	Driver....	Benton.....	Jan. 4	Pit cars.....	Franklin Co. M. Co.
Polserello, Joe....	32	Franklin..	Herrin.....	Feb. 21	Falling rock.....	Pratt Bros. Coal Co.
Rassler, L. W....	58	Miner....	Pana.....	Jan. 4	Falling coal.....	Ill. & Ind. C. Corp., No. 10
Reynolds, Cecil..	19	Miner....	Ledford.....	Mar. 30	Gas explosion....	Saline Co. C. Corp., No. 2
Richards, Terry..	40	Triprider..	W. Frankfort..	Dec. 6	Motor.....	Industrial Coal Co., No. 18
Ricketts, Harvey.	45	Miner....	Bartonville..	Oct. 28	Electrocuted....	Crescent Coal Co., No. 1
Rowen, Patrick..	64	Trapper..	Litchfield....	Mar. 21	Pit cars.....	Hillsboro Coal Co.
Russell, Jesse....	24	Miner....	Carriers Mills.	Nov. 22	Pit cars.....	Saline Co. Coal Corp., No. 4
Shummel, Solomon	35	Operator..	Peoria.....	Oct. 1	Falling Coal....	Pleasant Heights C. Co.
Simaitis.....	48	Miner....	Ledford.....	Mar. 30	Gas explosion....	Saline Co. Coal Corp., No. 2
Snyder, Lester....	23	Miner....	Herrin.....	Nov. 8	Falling coal.....	Franklin Co. Coal Co., No. 5

a. Not Reported.

TABLE 26—Concluded.

Name of person killed	Age	Occupation	Residence	Date of death	Cause of death	By whom employed
Stevenor, Esman...	36	Miner....	St. David...	Jan. 7	Mining Machine.	Saline Co. Coal Corp., No. 22
Stricklin, Wm....	50	Miner....	Johnston City	Nov. 30	Falling rock....	Consolidated Coal Co., L. C.
Stranz, Geo.	22	Miner....	S. Wilmington	Oct. 21	Falling coal.....	S. Kimer Coal Co.
Sutton, John....	54	Loader....	Johnston City	Feb. 3	Falling rock.....	Old Ben Coal Corp., No. 18
Toth, Joseph....	44	Miner....	Ledford.....	Mar. 30	Gas explosion....	Saline Co. Coal Corp., No. 2
Treft, Gaba.....	60	Pumpman	Duquoin.....	May 22	Falling rock.....	Security Coal Co.
Treomis, Matt...	64	Miner....	Spring Valley	Mar. 9	Falling coal.....	Spring Valley C. Co., No. 3
Veshovich, John..	41	Miner....	Eldorado.....	Oct. 21	Loading machine..	Old Ben Coal Corp., No. 15
Vinyard, Chas....	22	Miner....	Ezra.....	Dec. 13	Falling rock.....	Dering Coal Co.
Weaver, Wm....	50	Loader....	W. Frankfort..	Feb. 23	Falling rock.....	Cosgrove-Meehan Coal Co., No. 1
White, Malcomb..	35	Mach. man	Benton.....	Jan. 10	Electrocuted....	Old Ben Coal Corp., No. 14
Wilson, Harry....	53	Examiner..	Johnston City	Apr. 5	Gas explosion....	Consolidated Coal Co., L. C.
William, Herbert..	21	Loader....	Ezra.....	Mar. 8	Falling coal.....	Old Ben Coal Corp., No. 8
Williamson, R. J..	29	Driver....	Springfield...	Oct. 20	Kicked by mule...	Sangamon Coal Co.
Willmore, Herbert.	32	Mach. man	W. Frankfort..	Nov. 17	Falling coal.....	Old Ben Coal Corp., No. 8
Worth, Richard...	28	Mach. man	Johnston City	Jan. 27	Falling coal.....	Big Muddy Co.
Wyatt, Charles...	40	Loader....	Johnston City	Dec. 20	Gas explosion....	Cosgrove-Meehan Coal Co., No. 1
Zarrini, Cesare...	44	Shot firer.	Johnston City	Oct. 29	Falling Rock.....	Cosgrove-Meehan Coal Co., No. 1

TABLE 27—FATAL ACCIDENTS BY DISTRICTS AND CAUSES.

District	Underground						In shaft		On surface					
	Falls of roof and sides	Gas explosions	Haulage	Electricity	Explosives	Other causes	Total	Fell down shaft	Cage	Total	Machinery	Railway cars	Other causes	Total
First.....	2						2							2
Second.....	4	1		2			7					1	1	2
Third.....	1					1	2				1			3
Fourth.....	2		3		3	1	9		1	1				10
Fifth.....	2					2	4							4
Sixth.....	6		1		1		8	1		1				9
Seventh.....			1				1							1
Eighth.....	3			1			4							4
Ninth.....	4		1			1	6				1	1		8
Tenth.....	7		10	1		1	19							19
Eleventh.....	4	8	2	1		3	18							18
Twelfth.....	9	8					17	2		2				19
The State.....	44	17	18	5	4	9	97	3	1	4	2	2	1	106

TABLE 28—FATAL ACCIDENTS BY OCCUPATION AND CAUSES.

Occupation	Underground							In shaft			On surface				Grand total
	Fall of roof and sides	Gas explosions	Haulage	Electricity	Explosives	Other causes	Total	Fell down shaft	Cage	Total	Machinery	Railway cars	Other causes	Total	
Asst manager.....				1			1								1
Cager.....						1	1	1		1					2
Driver.....	1		2				3								3
Engineer.....													1	1	1
Examiner.....		1					1								1
Foreman.....	1						1								1
Laborer.....	1		1				2		1	1	2	2		4	7
Loader.....	6	6					12								12
Machine man.....	4			1		1	6								6
Miner.....	26	9	4	2	2	6	49	1		1					50
Motorman.....		1	2	1			4								4
Operator.....	1						1								1
Shot firer.....	3				2		5								5
Spragger.....								1		1					1
Trackman.....	1		1			1	3								3
Trapper.....			1				1								1
Tripider.....			7				7								7
Total.....	44	17	18	5	4	9	97	3	1	4	2	2	1	5	106

TABLE 29—CAUSES OF FATAL ACCIDENTS BY YEARS—1882—1927.

Year	Underground							In shaft				On surface			
	Total number killed	Falls of roof and sides	Gas explosions	Haulage	Electricity	Explosives	Other causes	Total	Falling down shaft	Cage	Other causes	Total	Machinery	Railway cars	Other causes
1882.....	40	26				5	9	40							
1883.....	134	40	12	2		2 ^a	78	134							
1884.....	46	29	4			6	7	46							
1885.....	39 ^b	20						20							
1886.....	52	32		5		10		47	1	4		5			
1887.....	41	28						28							
1888.....	55	33		6		9		48	4	2		6		1	1
1889.....	42	26		5		3	1	35	2		4	1	7		
1890.....	53	36	5	3		4		48		4	4	7		1	1
1891.....	60	33	4	2		11	1	51	1	4	2	4	2	2	
1892.....	57	28	3	6		4	3	44	8	4		12		1	1
1893.....	69	48	2	2		6	2	60	3	4	1	8		1	1
1894.....	72	43		6		8		57	5	8		13	2	2	2
1895.....	75	38	5	6		12	2	63	5	4	1	10	1	1	2
1896.....	77	41	2	9		9	2	63	6	5		11	1	1	1
1897.....	69	46	2	1		11		60	6		1	7	1	1	2
1898.....	75	43	7	3		11	2	66	4	2		6	1	1	1
1899.....	84	51	5	6		6	6	74	4	5		9		1	1
1900.....	94	51	1	11		20		83	1	4	2	7	2	2	4
1901.....	99	57	1	14		20	3	95	1	1		2		2	2
1902.....	99	55		15		17	1	88	7	2		9		2	2
1903.....	156	77	8	18	1	41	2	147	2	6		8		1	1
1904.....	157	65		21	1	44	3	134	10	4		11	6	2	9
1905.....	199	80	59	11	1	32	3	186	5	6	1	12		1	1
1906.....	155	84	2	22		22	1	131	9	5	1	15	3	4	2
1907.....	165	84	4	29	1	25	2	145	6	8		14		4	2
1908.....	183	91	7	35	1	29	1	164	3	1	3	7	4	8	12
1909.....	213	84	44	30	2	29	1	190	5	4	1	10	3	8	2
1910.....	406	65	20	23	3	17 ^c	258	386	3	6		9	3	3	5
1911.....	157	80	8	40	1	10	4	143	5	2	2	9		2	3
1912.....	180	98	3	38	3	13	12	167	6	3		9		2	4
1913.....	175	81	10	50	6	10	5	162	5	4	1	10		2	1
1914.....	159	83	6	40	6	6	7	148	2	1		3		4	8
1915.....	180	57	68	27	2	9	12	175	1		2	3		2	2
1916.....	165	80	12	43	4	13	1	153	4			4	2	6	8
1917.....	207	77	19	67	7	12	3	185		4	1	5	5	9	17
1918.....	250	100	27	70	13	20	4	234	8	8	2	18		4	3
1919.....	208	93	31	51	7	12	1	195	4	4	2	10		2	1
1920.....	181	91	7	41	14	9	5	167	8	2		10	1	2	4
1921.....	222	112	6	54	9	20	8	209	2	4		6	1	4	2
1922.....	159	71	15	29	8	17	7	147	2	1	3	6		5	1
1923.....	161	82	2	40	6	13	6	149	3	1	1	5		4	3
1924.....	184	76	40	37	5	10	8	176	2		2	4	2	2	4
d 1925.....	183	89	5	46	12	11	9	172	1	2		3	3	3	2
1926.....	165	85	13	39	5	7	4	153	7	1	1	9	1	1	1
1927.....	106	44	17	18	5	5	9	97	3	1		4	2	2	1

a Sixty-nine men were drowned in the Braidwood mine disaster.

b Other causes not classified.

c Two hundred fifty-six men lost their lives in the Cherry mine fire.

d From July 1, 1924 to December 31, 1925.

TABLE 30—FATAL AND NON-FATAL ACCIDENTS, RATIOS AND PROPORTIONS, 1882—1927. (INJURIES INVOLVING A LOSS OF 30 OR MORE DAYS.)

Year	Tons mined	Number employed	Accidents		Tons mined to one man		Accidents			
			Fatal	Non-fatal	Killed	Injured	Per 1,000 employed		Per 1,000,000 tons mined	
							Fatal	Non-fatal	Fatal	Non-fatal
1882.....	9,115,003	20,290	40	50	227,825	182,300	2.0	2.5	4.4	5.5
1883.....	10,502,791	23,939	134	231	78,379	49,309	5.6	9.1	12.8	22.0
1884.....	10,101,004	25,575	46	197	219,587	51,274	1.8	7.7	4.6	19.5
1885.....	9,791,874	25,946	39	147	251,074	66,611	1.5	5.7	4.0	15.0
1886.....	9,255,435	25,846	52	171	177,989	54,125	2.0	6.6	5.6	18.5
1887.....	10,278,965	26,804	41	180	250,706	57,105	1.5	6.7	4.0	17.5
1888.....	11,855,183	29,410	55	179	215,549	66,230	1.9	6.1	4.7	15.1
1889.....	11,597,973	30,076	42	201	276,142	57,701	1.4	6.7	3.6	17.3
1890.....	12,565,364	28,574	53	294	273,082	42,739	1.9	10.3	4.2	23.4
1891.....	15,660,688	32,951	60	367	261,011	42,672	1.9	11.1	3.9	23.4
1892.....	17,851,974	33,632	57	370	313,193	48,219	1.7	11.0	3.2	20.7
1893.....	19,916,504	35,390	69	403	288,647	49,421	1.9	11.4	3.5	20.2
1894.....	17,113,576	38,477	72	521	237,690	32,848	1.9	13.5	4.2	30.4
1895.....	17,735,864	38,630	75	605	236,478	29,315	1.9	15.7	4.2	34.1
1896.....	19,786,105	37,032	77	672	256,962	29,444	2.1	18.1	3.9	34.1
1897.....	20,072,698	33,788	69	518	290,908	38,750	2.0	15.3	3.4	25.8
1898.....	18,598,899	35,026	75	438	247,985	42,463	2.1	12.5	4.0	23.5
1899.....	23,434,443	36,901	84	597	278,981	39,254	2.3	16.2	3.6	25.5
1900.....	25,153,929	39,384	94	611	267,559	41,168	2.4	15.5	3.7	24.3
1901.....	26,635,319	44,143	90	422	269,044	63,117	2.2	9.6	3.8	15.8
1902.....	30,021,300	46,003	99	406	303,245	73,944	2.2	8.2	3.3	13.5
1903.....	34,955,409	49,814	156	410	224,073	85,257	3.1	8.8	4.5	11.7
1904.....	37,077,897	54,774	157	507	236,165	73,132	2.9	9.3	4.2	13.7
1905.....	37,183,374	59,240	199	535	186,852	69,502	3.4	9.0	5.4	14.4
1906.....	38,317,581	62,283	155	480	247,210	79,828	2.5	7.7	4.0	12.5
1907.....	47,708,501	66,114	165	636	280,688	75,155	2.5	9.5	3.5	13.3
1908.....	49,272,479	70,441	183	819	269,248	60,102	2.6	11.6	3.7	16.0

TABLE 30—Concluded.

Year	Tons mined	Number employed	Accidents		Tons mined to one man		Accidents		
			Fatal	Non-fatal	Killed	Injured	Per 1,000 employed		Per 1,000,000 tons mined
							Fatal	Non-fatal	
1909.....	49,163,710	72,733	213	894	230,816	54,993	2.9	12.3	4.3
1910.....	48,718,853	74,634	406	742	119,997	65,659	5.4	9.9	8.3
1911.....	50,165,098	77,410	157	709	319,523	70,755	2.0	9.2	15.2
1912.....	57,514,240	79,411	180	800	315,524	71,893	2.3	10.7	14.2
1913.....	61,846,202	79,497	175	1,025	353,407	60,338	2.2	12.9	13.9
1914.....	60,715,795	80,035	159	1,071	381,860	56,691	2.0	13.4	16.2
1915.....	57,601,694	75,607	180	1,013	320,009	56,870	2.4	13.4	17.6
1916.....	63,673,530	75,919	165	1,305	385,900	48,792	2.2	17.2	17.6
1917.....	78,983,536	80,893	207	1,634	381,563	48,338	2.6	20.2	20.5
1918.....	89,979,469	91,372	259	2,161	347,411	41,638	2.8	23.7	24.0
1919.....	75,099,784	90,897	208	2,020	361,057	28,664	2.3	28.8	24.9
1920.....	73,920,653	88,192	181	3,571	408,401	20,700	2.5	40.5	34.9
1921.....	80,121,948	95,763	222	4,327	360,910	18,517	2.3	45.2	48.3
1922.....	63,276,827	98,090	159	3,879	397,962	16,315	1.6	39.5	54.0
1923.....	72,514,095	103,566	161	3,615	469,032	20,889	1.6	34.9	61.3
1924.....	77,308,665	99,765	184	3,895	392,982	18,565	1.8	39.0	47.9
1925.....	103,186,166	81,684	183	4,712	563,859	21,713	2.4	57.7	53.9
1925 (a).....	69,813,255	77,732	165	3,083	423,111	22,642	2.1	39.7	46.0
1926.....	46,949,700	78,572	106	1,398	442,922	33,583	1.3	18.0	2.4
1927.....									29.8

(a) From July 1, 1924 to Dec. 31, 1925.

TABLE 31—NON-FATAL ACCIDENTS BY OCCUPATION AND CAUSES, SEVEN OR MORE DAYS TIME LOST.

Occupation	Number injured	Number not returned	Time lost by men returned—days		Cause of injury	Number injured	Number not returned	Time lost by men returned—days	
			Total	Aver.				Total	Aver.
Blacksmith.....	21	2	413	22	Cage.....	9	1	431	54
Cager.....	19	4	501	33	Falls of roof & sides	1,016	74	30,763	33
Carpenter and repairer.....	19	2	391	23	Fall of person.....	301	18	8,331	29
Coupler.....	17	.....	532	31	Gas explosion.....	20	.....	716	36
Driver.....	268	26	7,595	31	Haulage.....	735	51	23,996	35
Electrician.....	22	1	607	29	Lifting.....	754	37	17,729	25
Fireman and engineer.....	16	.....	368	23	Machinery.....	119	6	3,638	32
Foreman.....	26	.....	1,077	41	Powder.....	4	2	174	87
Laborer.....	335	17	8,900	28	Struck by objects..	1,565	70	34,970	23
Loader.....	2,080	83	53,980	27	Miscellaneous.....	119	4	2,575	22
Machineman.....	367	24	9,736	28	Not stated.....	273	30	8,073	33
Miner.....	1,060	98	28,660	30					
Motorman.....	75	8	1,952	29					
Shot firer.....	9	4	109	22					
Spragger.....	13	.....	440	34					
Timberman.....	82	6	2,174	29					
Trackman.....	142	3	3,377	24					
Trapper.....	14	3	362	33					
Triprider.....	246	5	7,978	33					
Miscellaneous.....	84	7	2,244	29					
Total.....	4,915	293	131,396	28		4,915	293	131,396	28

TABLE 32—NON-FATAL ACCIDENTS, TIME LOST AND CAUSES, BY DISTRICTS.

District	Total number injured	Days time lost by men returned to work	Number not returned	Average days lost	Cage	Falls of roof and sides	Fall of person	Gas explosions	Haulage	Lifting	Machinery	Powder	Struck by objects	Miscellaneous	Not stated
First.....	264	7,721	55	37	1	101	18	.....	26	31	1	.....	73	10	3
Second.....	162	3,443	21	24	1	35	7	.....	40	14	3	.....	53	3	6
Third.....	99	2,939	6	32	.....	11	11	1	9	11	4	.....	39	9	4
Fourth.....	816	22,363	28	28	4	154	53	7	109	156	7	.....	285	16	25
Fifth.....	279	7,990	25	31	.....	90	17	.....	41	27	5	1	88	8	2
Sixth.....	449	12,530	45	31	.....	57	25	.....	47	61	6	.....	104	12	137
Seventh.....	395	9,502	29	26	.....	92	31	3	67	51	11	2	118	5	15
Eighth.....	247	8,046	10	34	1	50	20	.....	46	32	7	.....	79	6	6
Ninth.....	250	6,847	14	29	.....	49	9	.....	30	32	9	.....	95	9	17
Tenth.....	1,117	27,825	29	26	1	227	66	1	159	185	41	1	385	21	30
Eleventh.....	368	9,522	16	27	.....	65	15	7	87	81	7	.....	83	11	12
Twelfth.....	469	12,668	15	28	1	85	29	1	74	73	18	.....	163	9	16
The State.....	4,915	131,396	293	28	9	1,016	301	20	735	754	119	4	1,565	119	273

TABLE 33—NON-FATAL ACCIDENTS BY OCCUPATIONS.

Occupation	Number injured	TIME LOST								Number not returned to work
		From 7 to 14 days	From 15 to 29 days	From 30 to 50 days	From 51 to 70 days	From 71 to 90 days	From 91 to 110 days	From 111 to 130 days	From 131 and over	
Blacksmith.....	21	6	9	2	2					2
Cager.....	19	4	6	4					1	4
Carpenter and repairer.....	19	7	6	3		1				2
Coupler.....	17	5	7	2	1	2				
Driver.....	268	83	74	48	19	7	4	2	5	26
Electrician.....	22	11	6	2	1				1	1
Fireman and engineer.....	16	8	2	5		1				
Foreman.....	26	7	3	9	1	2	4			
Laborer.....	335	122	105	53	21	5	1	3	8	17
Loader.....	2,080	793	644	336	105	52	21	11	35	83
Machineman.....	367	124	105	75	19	7	4	4	5	24
Miner.....	1,060	345	316	171	59	22	14	13	22	98
Motorman.....	75	23	21	14	4	2	2		1	8
Shot firer.....	9	4			1					4
Spragger.....	13	4	2	4	3					
Timberman.....	82	20	30	20	3			1	2	6
Trackman.....	142	55	53	17	9	2	1	1	1	3
Trapper.....	14	5	2	2		1			1	3
Trip rider.....	246	81	74	40	24	9	4	2	7	5
Miscellaneous.....	84	32	20	16	4	1	2	1	1	7
Total.....	4,915	1,739	1,485	823	276	114	57	39	89	293
Total days lost.....	131,396	17,893	30,850	30,675	16,377	9,300	5,675	4,340	16,286	
Average days lost.....	28.4	10.3	20.8	37.3	59.3	81.6	99.6	111.3	183.0	

TABLE 34—NON-FATAL ACCIDENTS FOR 15½ YEARS UNDER COMPULSORY AND ELECTIVE COMPENSATION AND THE AVERAGE BY TEN YEAR PERIODS BEFORE COMPENSATION ACT WAS PASSED.

Year	Number injured losing 30 or more days	Total number employed	Total tons mined	Number employed to one man injured	Ratio per 1,000 employed	Number of tons mined to one man injured	Number of men not returned to work	Average days lost by men returned
1927.....	1,398	78,572	46,949,700	56	17.8	33,584	293	74
1926.....	3,083	77,732	69,813,255	25	39.7	22,642	381	72
1925a.....	4,712	81,684	103,186,166	17	57.7	21,713	939	55
1924.....	3,895	99,765	72,308,665	26	39.0	18,564	471	56
1923.....	3,615	103,566	75,514,095	28	35.0	20,889	660	56
1922.....	3,879	98,090	63,276,827	25	39.5	16,313	469	58
1921.....	4,327	95,763	80,121,948	22	45.2	18,517	631	58
1920.....	3,571	88,192	73,920,653	25	40.5	20,700	467	63
1919.....	2,620	90,897	75,099,784	35	28.8	28,664	305	60
1918.....	2,161	91,370	89,969,479	42	33.6	41,638	252	61
Total 10½ years of compulsory compensation.....	33,261	905,631	750,170,562	27	36.6	4,868	4,718	55
1917.....	1,634	80,893	78,983,536	50	20.2	48,338	263	58
1916.....	1,305	79,919	63,673,530	58	17.2	48,792	190	62
1915.....	1,013	75,607	57,601,694	75	13.4	56,862	130	61
1914.....	1,071	80,035	60,715,795	75	13.4	56,691	103	63
1913.....	1,025	79,497	61,846,202	78	12.9	60,338	109	39
Total 5 years of elective compensation.....	6,048	395,951	322,820,757	65	15.3	53,377	795	60

AVERAGE BY TEN-YEAR PERIODS BEFORE COMPENSATION ACT WAS PASSED.

Average 1912-1903..	653	66,800	45,016,718	102	9.8	68,917	96	58
Average 1902-1893..	519	38,363	21,846,863	74	13.5	42,094	51	41
Average 1892-1883..	237	28,219	11,946,123	120	8.4	50,406	b	b

a Eighteen months.

b Not reported

TABLE 35—NON-FATAL ACCIDENTS BY YEARS—1882—1927.

Year	Total—(losing 30 or more days.)	Cage	Falls of roof and sides	Fall of person	Gas explosions	Haulage	Lifting	Machinery	Explosives	Struck by objects	Miscellaneous	Not stated
1882	50	1	23			1			3		22	
1883	231		130			22			16		63	
1884	197	9	135	3	11	11			11	7	10	
1885	147	a	118									
1886	171	15	109		4	9		4	16		14	
1887	180	a	124									
1888	179	12	112	8	6	26			12	4	6	
1889	201	7	129	2	7	27		6	12		7	
1890	294	5	196	4	7	52		1	17	5	6	1
1891	367	11	227	4	8	73		1	31	10	2	1
1892	370	16	235	1	3	66	2	9	16	15	17	
1893	403	18	254	6		87	2	2	28	11	7	
1894	521	20	294	6	8	86	3	15	26	29	15	32
1895	605		338	9	9	95	7	11	24	41	16	27
1896	672	11	373	18	10	159	1	11	26	36	19	10
1897	518	12	335	8	14	89		2	26	18	10	4
1898	438	9	252		7	84			15	17	30	24
1899	597	10	335	1	7	159			21	16	42	
1900	611	2	323	13	8	170		16	47	22	10	
1901	422	10	233	4	3	116		10	27	17	2	
1902	406	8	198	11	2	139		6	28	13		
1903	410	12	164	1	5	133	1	4	47	37	6	1
1904	507	4	280	5	6	132	1	4	47	3	23	2
1905	535	13	271	10	9	139		11	45	9	28	
1906	480	9	253	12	7	130		7	33	14	15	
1907	636	13	327	6	9	191	2	7	50	13	17	1
1908	819	22	402	13	35	245	3	14	35	27	21	2
1909	894	9	423	15	25	299	6	16	38	42	21	
1910	742	20	369	19	14	220	5	5	29	42	18	1
1911	709	10	327	18	11	236	6	12	20	50	19	
1912	800	24	364	20	23	239	3	25	21	77	4	
1913	1,025	11	442	14	33	346	8	37	30	78	26	
1914	1,071	16	472	13	23	338	10	37	56	76	30	
1915	1,013	28	450	30	10	251	10	43	27	68	55	41
1916	1,305	43	501	34	26	401	18	48	41	93	16	84
1917	1,634	13	597	64	23	484	80	39	51	183	7	93
1918	2,161	22	713	94	29	633	97	50	132	171	9	211
1919	2,620	8	811	65	21	686	63	110	68	155	49	584
1920	3,571	24	1,017	186	25	1,052	228	109	160	258	155	357
1921	4,327	32	1,129	239	11	1,064	477	119	130	406	170	550
1922	3,879	24	1,088	162	18	1,023	279	144	90	362	408	281
1923	3,615	44	1,102	188	17	746	524	118	164	355	120	237
1924	3,895	24	1,069	208	30	921	516	170	176	160	259	362
1925b	4,752	12	1,361	285	6	936	733	134	252	510	212	311
1926	3,083	10	774	174	8	561	470	82	7	670	91	236
1927	1,398	3	296	87	6	209	212	34	2	445	44	60

a Other causes not classified.

b From July 1, 1924 to December 31, 1925.

TABLE 36—SUMMARY BY DISTRICTS, NUMBER OF MINES AND GRADED OUTPUT.

District	Number of mines	Lump	Furnace	Small egg	Stove	Chestnut	Pea coal	Carbon	Screenings	Mine run	Waste and loss in preparing	Total
First.....	76	169, 129	97, 865	.....	.....	.....	.....	.....	152, 732	613, 029	2, 142	1, 034, 897
Shipping.....	9	95, 174	97, 865	.....	.....	.....	.....	.....	134, 029	285, 286	2, 142	614, 496
Local.....	67	73, 955	.....	.....	.....	.....	.....	.....	18, 703	327, 743	.....	420, 401
Second.....	109	371, 116	284, 524	15, 414	1, 024	.....	.....	.....	186, 893	792, 158	4, 348	1, 655, 477
Shipping.....	13	253, 292	282, 417	15, 414	1, 024	.....	.....	.....	157, 633	641, 982	4, 348	1, 356, 110
Local.....	96	117, 824	2, 107	.....	.....	.....	.....	.....	29, 260	150, 176	.....	299, 367
Third.....	266	364, 047	372, 976	229, 235	32, 096	.....	.....	.....	442, 803	373, 471	546	1, 815, 174
Shipping.....	15	237, 120	372, 976	229, 235	32, 096	.....	.....	.....	418, 009	189, 906	546	1, 479, 888
Local.....	251	126, 927	.....	.....	.....	.....	.....	.....	24, 794	183, 563	.....	335, 286
Fourth.....	59	1, 440, 467	1, 272, 937	213, 746	95, 122	2, 930	39, 998	3, 529	1, 805, 096	1, 019, 407	16, 649	5, 909, 881
Shipping.....	25	1, 394, 502	1, 272, 937	213, 746	95, 122	2, 930	39, 998	3, 529	1, 774, 341	930, 700	16, 649	5, 744, 454
Local.....	34	45, 965	.....	.....	.....	.....	.....	.....	30, 755	88, 707	.....	165, 427
Fifth.....	79	720, 740	22, 963	147, 003	.....	.....	.....	.....	650, 625	1, 313, 233	35, 135	2, 889, 099
Shipping.....	10	704, 072	22, 963	147, 003	.....	.....	.....	.....	645, 530	1, 040, 870	35, 135	2, 595, 573
Local.....	69	16, 668	.....	.....	.....	.....	.....	.....	5, 095	272, 363	.....	294, 126
Sixth.....	29	2, 565, 280	242, 396	9, 887	31, 774	.....	1, 432	.....	835, 718	698, 378	4, 483	4, 389, 348
Shipping.....	13	2, 560, 009	242, 396	9, 887	31, 774	.....	1, 432	.....	835, 718	680, 406	4, 483	4, 366, 105
Local.....	16	5, 271	.....	.....	.....	.....	.....	.....	.....	17, 972	.....	23, 243
Seventh.....	23	985, 036	400, 248	104, 483	151, 190	.....	3, 038	.....	1, 012, 770	539, 974	27, 923	3, 224, 662
Shipping.....	17	954, 906	400, 248	74, 976	151, 190	.....	3, 038	.....	990, 251	531, 397	27, 422	3, 133, 428
Local.....	6	30, 130	.....	29, 507	.....	.....	.....	.....	22, 519	8, 577	501	91, 234
Eighth.....	58	1, 409, 289	600, 551	46, 908	65, 635	.....	11, 010	.....	1, 063, 044	466, 471	3, 794	3, 666, 702
Shipping.....	40	1, 326, 403	600, 551	46, 908	65, 635	.....	11, 010	.....	1, 021, 818	400, 227	3, 794	3, 476, 346
Local.....	18	82, 886	.....	.....	.....	.....	.....	.....	41, 226	66, 244	.....	190, 356

TABLE 36—Concluded.

District	Number of mines	Lump	Furnace	Small egg	Stove	Chestnut	Pea coal	Carbon	Screenings	Mine run	Waste and loss in preparing	Total
Ninth.....	64	604,824	468,121	187,658	105,059	28,123	27,328	42,036	1,059,279	1,082,846	8,911	3,614,185
Shipping.....	24	550,277	468,121	187,658	105,059	28,123	27,328	42,036	1,034,070	1,042,969	8,911	3,494,552
Local.....	40	54,547	.....	.....	.....	.....	.....	.....	25,209	39,877	.....	119,633
Tenth.....	20	1,594,874	1,980,519	1,075,006	467,594	449,789	262,313	828,700	2,744,493	923,842	78,911	10,406,041
Shipping.....	20	1,594,874	1,980,519	1,075,006	467,594	449,789	262,313	828,700	2,744,493	923,842	78,911	10,406,041
Eleventh.....	62	445,208	573,184	285,908	172,037	129,700	47,619	103,643	887,071	609,408	46,353	3,300,131
Shipping.....	24	440,176	573,184	285,908	172,037	129,700	47,619	103,643	883,570	575,378	46,353	3,257,568
Local.....	38	5,032	.....	.....	.....	.....	.....	.....	3,501	34,030	.....	42,563
Twelfth.....	61	875,513	696,209	439,225	185,470	48,100	46,293	61,341	1,410,364	1,221,209	59,779	5,043,503
Shipping.....	31	868,603	696,209	439,225	185,470	48,100	46,293	61,341	1,408,264	1,188,588	59,779	5,001,872
Local.....	30	6,910	.....	.....	.....	.....	.....	.....	2,100	32,621	.....	41,631
The State.....	906	11,545,523	7,012,493	2,754,473	1,307,001	658,642	439,031	1,039,249	12,250,888	9,653,426	288,974	46,949,700
Shipping.....	241	10,979,408	7,010,386	2,724,966	1,307,001	658,642	439,031	1,039,249	12,047,726	8,431,551	288,473	44,926,433
Local.....	665	566,115	2,107	29,507	.....	.....	.....	.....	203,162	1,221,875	501	2,023,267

TABLE 37—SUMMARY BY DISTRICTS, DISPOSITION OF OUTPUT.

District and mines	Summary by districts—Disposition of output						
	Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade	Tons consumed or wasted at the mine	Tons not sold
First.	1,034,897	310,850	211,883	3,563	489,095	17,140	2,366
Shipping.	614,496	310,850	211,883	3,563	77,633	8,201	2,366
Local.	420,401				411,462	8,939	
Second.	1,655,477	346,740	843,109	2,772	442,217	15,621	5,018
Shipping.	1,356,110	346,740	843,109	2,772	149,578	8,893	5,018
Local.	299,367				292,639	6,728	
Third.	1,815,174	850,269	602,146		350,020	11,438	1,301
Shipping.	1,479,888	850,269	602,146		22,597	3,575	1,301
Local.	335,286				327,423	7,863	
Fourth.	5,909,881	3,991,977	1,310,016	28,943	488,778	65,706	24,461
Shipping.	5,744,454	3,991,977	1,310,016	28,943	333,851	55,206	24,461
Local.	165,427				154,927	10,500	
Fifth.	2,889,699	1,671,255	711,959		441,415	32,645	32,425
Shipping.	2,595,573	1,671,255	711,959		148,586	31,348	32,425
Local.	294,126				292,829	1,297	
Sixth.	4,389,348	1,090,395	3,090,828	11,354	102,622	93,536	613
Shipping.	4,366,105	1,090,395	3,090,828	11,354	80,275	92,640	613
Local.	23,243				22,347	896	
Seventh.	3,224,662	2,211,487	683,333	112	231,471	75,606	22,653
Shipping.	3,133,428	2,211,487	683,333	112	149,110	66,733	22,653
Local.	91,234				82,361	8,873	
Eighth.	3,666,702	2,496,585	654,970	37,368	395,900	78,149	3,730
Shipping.	3,476,346	2,496,585	654,970	37,368	208,250	75,443	3,730
Local.	190,356				187,650	2,706	
Ninth.	3,614,185	2,614,005	654,818	101,908	156,953	79,345	7,156
Shipping.	3,494,552	2,614,005	654,818	101,908	46,296	70,369	7,156
Local.	119,633				110,657	8,976	
Tenth.	10,406,041	7,790,478	2,222,219	696	87,139	96,289	209,220
Shipping.	10,406,041	7,790,478	2,222,219	696	87,139	96,289	209,220
Eleventh.	3,300,131	2,765,707	364,589	4,980	84,288	53,727	26,840
Shipping.	3,257,568	2,765,707	364,589	4,980	42,270	53,182	26,840
Local.	42,563				42,018	545	
Twelfth.	5,043,503	3,055,790	1,713,370		79,389	79,854	115,100
Shipping.	5,001,872	3,055,790	1,713,370		37,988	79,624	115,100
Local.	41,631				41,401	230	
The State.	46,949,700	29,195,538	13,063,240	191,696	3,349,287	699,056	450,883
Shipping.	44,926,433	29,195,538	13,063,240	191,696	1,383,573	641,503	450,883
Local.	2,023,267				1,965,714	57,553	

TABLE 38—SUMMARY BY DISTRICTS, HAND AND MACHINE MINING,
PRICE PAID PER TON, NUMBER OF MACHINES, POWDER,
DYNAMITE AND PERMISSIBLE EXPLOSIVES USED.

Districts	Tons mined by		Average price paid per ton for—		Number of machines used	Explosives used for blasting		
	Hand	Machine	Hand mining	Machine mining		Powder—kegs	Pounds of dynamite	Pounds permissible
First.....	546,128	488,769	1.45	1.09	33	14,273		39,325
Shipping.....	292,185	322,311	1.322	1.10	26	4,505		39,325
Local.....	253,943	166,458	1.65	1.075	7	9,768		
Second.....	504,317	1,151,160	1.197	1.064	76	43,699	20	25
Shipping.....	393,219	992,891	1.184	1.08	61	33,256	20	25
Local.....	141,098	158,269	1.233	.961	15	10,443		
Third.....	449,930	625,161	1.236	1.08	61	43,319	35	17,550
Shipping.....	240,384	499,421	1.167	1.08	55	29,289	35	17,550
Local.....	209,546	125,740	1.333		6	14,030		
Fourth.....	3,807,351	2,102,539	1.086	1.01	174	236,119	16,750	26,675
Shipping.....	3,705,359	2,039,095	1.085	1.011	167	227,336	16,750	26,675
Local.....	101,992	63,435	1.107	.92	7	8,783		
Fifth.....	394,785	1,976,558	1.08	.99	86	26,684	1,354	191,406
Shipping.....	263,801	1,813,416	1.08	.993	77	19,476	1,100	179,481
Local.....	130,984	163,142	1.08	.957	9	7,208	254	11,925
Sixth.....	387,966	4,001,382	1.09	1.01	260	29,080		51,350
Shipping.....	371,892	3,994,213	1.08	1.01	259	28,550		51,350
Local.....	16,074	7,169	2.146	1.01	1	530		
Seventh.....	203,924	3,020,738	1.091	1.006	180	30,297	1,175	126,248
Shipping.....	190,842	2,942,586	1.08	1.006	176	28,813	1,175	126,248
Local.....	13,082	78,152	1.39	1.01	4	1,484		
Eighth.....	1,862,835	1,753,342	1.08	1.01	118	103,295	125	19,150
Shipping.....	1,731,371	1,694,450	1.08	1.01	113	97,113	125	19,150
Local.....	131,464	58,892	1.08	1.01	5	6,182		
Ninth.....	582,031	1,993,381	1.07	1.03	162	41,611	307,100	167,025
Shipping.....	476,526	1,979,253	1.06	1.03	158	37,235	307,100	167,025
Local.....	105,505	14,128	1.07	.99	4	4,376		
Tenth, Shipping.....	270,865	10,135,176	1.04	.97	666	465		1,338,775
Eleventh.....	62,893	3,155,603	1.02	.97	327	10,191		159,500
Shipping.....	20,330	3,155,603	1.04	.97	327	8,071		159,500
Local.....	42,563		1.02			2,120		
Twelfth.....	602,601	4,112,866	1.04	.97	312	44,740		453,898
Shipping.....	560,970	4,112,866	1.04	.97	312	42,741		453,898
Local.....	41,631		1.04			1,999		
The State.....	9,675,626	34,516,666	1.11	.991	2,455	623,773	326,559	2,590,927
Shipping.....	8,487,744	33,681,281	1.09	.993	2,397	556,850	326,305	2,579,002
Local.....	1,187,882	835,385	1.275	.92	58	66,923	254	11,925

TABLE 39—SUMMARY BY DISTRICTS, EMPLOYEES, DAYS WORKED, ACCIDENTS, ANIMALS UNDERGROUND AND MOTORS IN USE.

District	Employees			Average days worked	Casualties		Motors	Number of animals
	Under-ground	On surface	Total		Killed	Injured		
First.....	2,950	304	3,254	142	2	264	10	291
Shipping.....	2,226	202	2,428	89	1	224	10	291
Local.....	724	102	826	149	1	40	.....	.....
Second.....	2,959	268	3,227	123	9	162	27	169
Shipping.....	2,300	172	2,472	147	7	139	27	169
Local.....	659	96	755	119	2	23	.....	.....
Third.....	2,098	373	2,471	118	3	99	19	122
Shipping.....	1,303	264	1,567	142	2	90	19	122
Local.....	795	109	904	116	1	9	.....	.....
Fourth.....	10,944	765	11,709	137	10	816	127	349
Shipping.....	10,620	702	11,322	111	8	799	127	349
Local.....	324	63	387	156	2	17	.....	.....
Fifth.....	2,941	462	3,403	113	4	279	29	137
Shipping.....	2,526	416	2,942	142	2	243	29	137
Local.....	415	46	461	108	2	36	.....	.....
Sixth.....	6,434	447	6,881	126	9	449	141	165
Shipping.....	6,337	428	6,765	115	8	449	141	165
Local.....	97	19	116	136	1	.....	.....	.....
Seventh.....	4,340	405	4,745	132	1	395	74	200
Shipping.....	4,221	390	4,611	134	1	390	74	200
Local.....	119	15	134	124	.....	5	.....	.....
Eighth.....	5,799	643	6,442	120	4	247	81	332
Shipping.....	5,526	610	6,136	103	3	235	81	332
Local.....	273	33	306	159	1	12	.....	.....
Ninth.....	4,638	846	5,484	119	8	250	87	219
Shipping.....	4,372	800	5,172	104	8	248	87	219
Local.....	266	46	312	128	.....	2	.....	.....
Tenth, Shipping....	13,915	1,440	15,355	114	19	1,117	319	111
Eleventh.....	5,940	740	6,680	93	18	368	167	380
Shipping.....	5,828	723	6,551	106	18	368	167	380
Local.....	112	17	129	84	.....	.....	.....	.....
Twelfth.....	7,861	1,060	8,921	99	19	469	169	238
Shipping.....	7,758	1,038	8,796	93	19	469	169	238
Local.....	103	22	125	106	.....	.....	.....	.....
The State.....	70,819	7,753	78,572	119	106	4,915	1,250	2,713
Shipping.....	66,932	7,185	74,117	112	96	4,771	1,250	2,713
Local.....	3,887	568	4,455	121	10	144	.....	.....

REPORT OF STATE INSPECTORS

FIRST DISTRICT

*Hon. A. D. Lewis, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this, the First Inspection District, comprising the coal producing counties of Bureau, Grundy, Henry, La Salle, Livingston, Mercer, Rock Island and Will, for the year ended December 31, 1927.

The following is a summary of the items shown in the report:

Number of counties producing coal.....	8
Number of shipping mines.....	9
Number of local mines.....	67
Number of employees underground.....	2,950
Number of employees on surface.....	304
Total number of employees.....	3,254
Total tons of coal produced.....	1,034,897
Days operated, shipping mines, average.....	89
Days operated, local mines, average.....	149
Number of fatal accidents.....	2
Number of non-fatal accidents.....	264
Number of employees to each fatal accident.....	1,627
Number of employees to each non-fatal accident.....	12
Tons of coal produced to each fatal accident.....	517,448
Tons of coal produced to each non-fatal accident.....	3,920
Ratio of fatal accidents per 1,000 employed.....	.61
Ratio of non-fatal accidents per 1,000 employed.....	81.13

ABANDONED MINES

Rutland Coal Co. No. 2 mine, and Wilmington Star Mining Co. No. 7 mine have been closed all the year.

FATAL ACCIDENTS

March 9, Matt Treonis, miner, age 64 years, married, was killed by a fall of coal, in Spring Valley Coal Company's No. 3 mine. He leaves a widow.

October 21, George Strauz, miner, age 22 years, single, was killed in Skinner Coal Company's mine, by a fall of coal.

Respectfully submitted,

PETER FALETTI,
Inspector.

FATAL CASUALTIES, FIRST DISTRICT, 1927.

Date	Name	Age	Occupation	Residence	Name of operator of mine	No. or letter of mine	Married	Single	Widow	Children	Dependents	Cause of death
Mar. 9	Matt Treonis.....	64	Miner.....	Spring Valley.....	Spring Valley C. Co.....	3	✓	✓	✓	✓	1	Felling coal
Oct. 21	George Strauz.....	22	Miner.....	S. Wilmington...	Skinner Coal Co.....	3	✓	✓	✓	✓	✓	Felling coal

NON-FATAL ACCIDENTS, FIRST DISTRICT.

Name of operator	Number injured	Time lost by men returned—days		Number not returned	Occupation	Number injured	Number not returned	Time lost by men returned—days		Cause of injury	Number injured	Number not returned	Time lost by men returned—days	
		Total	Average					Total	Average				Total	Average
Alden Coal Co., No. 7.	1	215	215	2	Cager	2	1	73	36	Cage	1	1	111	111
Coal Hollow C. Co.	5	127	25.4	1	Coupler	1	1	36	36	Falls of roof and sides	101	20	3,457	43
French Coal Co.	1	16	16	14	Driver	14	1	546	39	Fall of person	18	6	393	33
Ill. Zinc Co.	32	795	24.8	1	Fireman	1	2	8	8	Haulage	26	5	733	35
LaSalle Co. C. Co., No. 1	17	701	41.2	11	Laborer	11	2	248	22.5	Lifting	31	8	1,030	45
LaSalle Co. C. Co., LaS.	13	714	54.9	10	Loader	10	1	230	23	Machinery	1	1	8	8
LaSalle Co. C. Co., Un'n	18	705	39.2	6	Machine man	6	1	222	37	Struck by objects	73	16	1,769	31
Manufacturers C. Co.	19	505	26.6	210	Miner	210	49	6,140	29.2	Miscellaneous	10	3	171	17
M. & H. Zinc Co.	9	305	34	1	Motorman	1	1	44	44	Not stated	3	3	44	15
St. Paul Coal Co., No. 2.	45	2,022	44.9	1	Spraguer	1	1	10	10					
Shuler Coal Co.	10	336	33.6	1	Timberman	1	1	48	48					
Skinner C. Co., No. 2	1	9	9	1	Trackman	1	1	20	20					
Skinner C. Co., No. 3	4	54	13.5	3	Trapper	3	2	32	32					
Spring Valley C. Co., No. 3	65	667	10.3	2	Trip rider	2	2	64	32					
Sunlight C. Co.	23	550	23.9											
Warner Coal Co.	1	1	1											
Total	264	7,721	29.3	264		264	55	7,721	37		264	55	7,721	37

BUREAU COUNTY

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
SHIPPING MINES							
1	St. Paul Coal Co., No. 2	Cherry	72,791		66,975		2,649
2	Spring Valley Coal Co., No. 3	Spring Valley	38,417	15,528	7,180	697	12,045
Total			111,208	15,528	74,155	697	14,694
LOCAL MINES							
1	Coal Hollow Coal Co.	Princeton	4,495				4,495
2	Ralph Hodgett	Mineral	1,935				1,935
3	Brandt & Carlson	Mineral	702				702
4	M. F. Moran	Sheffield	315				315
5	Lamb & Pollock	Sheffield	225				225
6	John Pearson	Sheffield	172				152
Total			7,844				7,824
Total 8 mines			119,052	15,528	74,155	697	22,518

GRUNDY COUNTY

SHIPPING MINES							
1	Sunlight Coal Co., No. 7	Verona	227,511	111,743	112,937		1,683
LOCAL MINES							
1	Skinner Coal Co.	S. Wilmington	11,716				11,000
2	T. A. Furgueson	Morris	1,872				1,872
	Total		13,588				12,872
	Total 3 mines		241,099	111,743	112,937		14,555

FIRST DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined		Number animals underground	Accidents		Number
Tons consumed or wasted at the mine	All coal not sold including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine		Killed	Injured	
3,043	124	572	67						72,791		82		45	1
1,454	1,513	395	44						38,417		83	1	65	2
4,497	1,637	967	56						111,208		165	1	110	
		12	224	163					4,495				5	1
		9	200	130					1,935				2	2
		6	60						702				3	3
		3	90						315				4	4
		8	85	18					225				5	5
20		4	60	10					172				6	6
20		42	120	321					7,844				5	
4,517	1,637	1,009	104	321					119,052		165	1	115	

FIRST DISTRICT

519	629	320	140			39,325	12	5		227,511	26	23	1
716		63	105	50					11,716			4	1
		7	160						1,872			2	2
716		70	133	50					13,588			4	
1,235	629	390	135	50		39,325	12	5	13,588	227,511	26	27	

HENRY COUNTY

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
SHIPPING MINES							
1	Schuler Coal Mining Co. . . .	Alpha	46,616	38,558	5,286	.....	2,282
LOCAL MINES							
1	Warner Coal Co.	Warner	11,233				10,933
2	Ratliffe & Son.	Kewanee	6,691				5,961
3	W. F. Lambe & Son.	Kewanee	4,574				4,274
4	North Coal Co.	Kewanee	3,823				3,823
5	Hodgett Bros.	Kewanee	2,700				2,450
6	Waterloo Coal Co.	Kewanee	2,520				2,328
7	Michail Wichenich.	Kewanee	2,011				2,011
8	Rodonski & White	Geneseo.	2,003				2,003
9	Henry & Hayes	Kewanee.	1,658				1,608
10	Ed. Ripka	Kewanee.	1,269				1,269
11	Wm. Wooleys & Son.	Coal Valley.	527				527
Total.			39,009				37,137
Total 12 mines.			85,625	38,558	5,286	.....	39,460

FIRST DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined		Number animals underground	Accidents		Number
Tons consumed or wasted at the mine	All coal not sold including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine		Killed	Injured	
390	100	203	57	1,572	.....	.....	.....	.....	46,616	.....	13	.....	10	1
300	29	140	600	.....	.....	.....	.....	11,233	.....	.....	.....	1	1
730	11	290	.....	.....	.....	.....	.....	6,691	.....	.....	.....	.....	2
300	9	280	.....	.....	.....	.....	.....	4,574	.....	.....	.....	.....	3
.....	10	213	.....	.....	.....	.....	.....	3,823	.....	.....	.....	.....	4
250	9	150	.....	.....	.....	.....	.....	2,700	.....	.....	.....	.....	5
192	7	209	.....	.....	.....	.....	.....	2,520	.....	.....	.....	.....	6
.....	9	84	310	.....	.....	.....	.....	2,011	.....	.....	.....	.....	7
.....	5	130	.....	.....	.....	.....	.....	2,003	.....	.....	.....	.....	8
50	5	186	.....	.....	.....	.....	.....	1,658	.....	.....	.....	.....	9
.....	3	150	25	.....	.....	.....	.....	1,269	.....	.....	.....	.....	10
.....	9	150	.....	.....	.....	.....	.....	527	.....	.....	.....	.....	11
1,822	105	180	935	.....	.....	.....	.....	39,009	.....	.....	.....	1	.....
2,212	100	308	170	2,507	.....	.....	.....	.....	85,625	.....	13	.....	11	.....

LASALLE COUNTY

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
SHIPPING MINES							
1	Illinois Zinc Co., No. 3.	Peru.	78,570	61,991			16,221
2	LaSalle Co. C. C. Co., No. 1.	LaSalle.	46,190	31,346			13,393
3	LaSalle Co. C. C. Co., Union.	LaSalle.	39,665	16,393		2,866	20,298
4	LaSalle Co. C. C. Co., LaSal.	LaSalle.	28,291	18,351			9,062
Total.			192,716	128,081		2,866	58,974
LOCAL MINES							
1	Matthiesen & Hegeler.	LaSalle.	159,412				159,412
2	Manufactures Coal Co.	Marseilles.	48,829				47,582
3	French Coal Co.	Streator.	15,700				15,700
4	Oscar Kimes.	Streator.	8,889				8,889
5	National Fire Proof Co.	Ottawa.	6,200				6,200
6	Mitchell & Brown.	Streator.	2,267				2,267
7	Wm. Thomas.	Streator.	1,328				1,328
8	Gilbert Coal Co.	Streator.	1,100				1,100
9	Ottawa Silica Mold Sand Co.	Ottawa.	1,000				1,000
10	Woods Bros.	Streator.	829				829
11	Alex McLean.	Ottawa.	800				800
12	G. A. Bavolar.	Streator.	733				733
13	Joe Senbo.	Streator.	678				678
14	Morgan & Goldone.	Streator.	600				600
15	Hill & Wahl.	Streator.	526				526
16	Wm. Brookes.	Utica.	480				480
17	Redding & Bednar.	Streator.	464				464
18	Joe Seroka.	Streator.	452				452
19	Chamberlain Coal Co.	Streator.	300				300
20	Chas. Brookes.	Utica.	250				250
21	W. A. Herrick.	Ottawa.	200				200
22	David Contorre.	Dimmick Hill.	200				200
23	August Englebrecht.	Dimmick Hill.	150				150
24	Corrugan Coal Co.	Ottawa.	100				100
25	Adam Anchersates.	Ottawa.	50				50
Total.			251,537				250,290
Total 29 mines.			444,253	128,081		2,866	309,264

LIVINGSTON COUNTY

LOCAL MINES							
1	Co-Operative Co.	Fairbury	12,474				11,994
2	John Wargo	a	3,577				3,577
3	W. J. McMillen & Sons	Streator	3,367				3,367
4	Wanders Bros	Streator	2,724				2,718
	Total		22,142				21,656

a Not reported.

FIRST DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined		Number animals underground	Accidents	
Tons consumed or wasted at the mine	All coal not sold including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine		Killed	Injured
358		151	230					1	78,570		13		32
1,451		285	62				4	2	19,346	26,844	21		17
108		214	71				5	1		39,665	20		18
878		159	67				5	1		28,291	18		13
2,795		809	108				14	5	97,916	94,800	72		80
		134	224	1,823			6			159,412			9
1,247		97	273						48,829				19
		38	250	300					15,700				1
		23	175	450					8,889				4
		2	250						6,200				5
		6	153	75					2,267				6
		7	100						1,328				7
		7	150						1,100				8
		3	150						1,000				9
		2	100						829				10
		1	100	50					800				11
		6	100	25					733				12
		4	75	25					678				13
		2	100	35					600				14
		3	105	25					526				15
		3	180	15					480				16
		4	73	21					464				17
		3	74	25					452				18
		8	60	20					300				19
		1	100	10					250				20
		8	307						200				21
		2	40						200				22
		2	20						150				23
		2	25						100				24
		2	10	1					50				25
1,247		370	128	2,900			6		92,125	159,412			29
4,042		1,179	125	2,900			20	5	190,041	254,212	72		109

FIRST DISTRICT

480		27	139	456			1		5,428	7,046			1
		11	170	22			1		3,577				2
		8	135						3,367				3
6		6	262	12					2,724				4
486		52	176	490			1		15,096	7,046			

MERCER COUNTY

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
SHIPPING MINES							
1	Aiden Coal Co., No. 7.....	Matherville.....	36, 445	16, 940	19, 505		
LOCAL MINES							
1	Essley Coal Co.....	Viola.....	7, 750				7, 750
2	Lee Bros.....	Matherville.....	7, 319				7, 219
3	Kness Coal Co.....	Viola.....	4, 250				3, 902
4	Huffman & Johnson.....	Preemption.....	4, 000				4, 000
5	Louis Schraechter.....	Viola.....	3, 000				3, 000
6	G. P. Brasmer Blk. Dia.....	Viola.....	2, 900				2, 150
7	C. E. Peterson.....	Aledo.....	2, 741				2, 741
8	W. P. William.....	Aledo.....	1, 854				1, 854
9	Grover Davis.....	Matherville.....	736				736
10	John Snell & Son.....	Aledo.....	704				704
11	Henry M. Bell.....	Sherrard.....	500				500
12	Snell & McGimpsey.....	Viola.....	400				400
Total.....			36, 154				34, 956
Total 13 mines.....			72, 599	16, 940	19, 505		34, 956

ROCK ISLAND COUNTY

LOCAL MINES							
1	Highland C. & M. Co.....	Moline.....	13, 507				13, 507
2	Valley View C. Co.....	Coal Valley.....	7, 560				7, 000
3	Mielke Bros.....	Coal Valley.....	6, 460				6, 000
4	Rural Coal Co.....	Coal Valley.....	2, 248				2, 218
5	C. F. Smith.....	Coal Valley.....	2, 080				1, 870
6	Ed. Stoetn.....	Moline.....	600				600
Total.....			32, 455				31, 195

WILL COUNTY

LOCAL MINES							
1	Skinner Coal Co.....	Wilmington.....	17, 672				15, 482

FIRST DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined		Number animals underground	Accidents		Number
Tons consumed or wasted at the mine	All coal not sold including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine		Killed	Injured	
.....	129	64	2,933	.....	.....	.....	.....	36,445	.....	15	.....	1	1
.....
.....	8	190	525	.....	.....	.....	.....	7,750	.....	.....	.....	.....	1
100	10	200	500	.....	.....	.....	.....	7,319	.....	.....	.....	.....	2
348	10	250	425	.....	.....	.....	.....	4,250	.....	.....	.....	.....	3
.....	10	200	475	.....	.....	.....	.....	4,000	.....	.....	.....	.....	4
.....	2	90	25	.....	.....	.....	.....	3,000	.....	.....	.....	.....	5
750	10	151	303	.....	.....	.....	.....	2,900	.....	.....	.....	.....	6
.....	9	185	300	.....	.....	.....	.....	2,741	.....	.....	.....	.....	7
.....	6	130	127	.....	.....	.....	.....	1,854	.....	.....	.....	.....	8
460	5	229	51	.....	.....	.....	.....	736	.....	.....	.....	.....	9
.....	4	154	108	.....	.....	.....	.....	704	.....	.....	.....	.....	10
.....	2	130	25	.....	.....	.....	.....	500	.....	.....	.....	.....	11
.....	3	75	20	.....	.....	.....	.....	400	.....	.....	.....	.....	12
1,198	79	165	2,884	.....	.....	.....	.....	36,154	.....	.....	.....	.....	.....
1,198	208	158	5,817	.....	.....	.....	.....	72,599	.....	15	.....	1	.....

FIRST DISTRICT

.....	.....	25	213	1,093	.....	.....	.....	.....	13,507	.....	.....	.....	.....	1
560	.....	12	140	325	.....	.....	.....	.....	7,560	.....	.....	.....	.....	2
460	.....	12	160	520	.....	.....	.....	.....	6,460	.....	.....	.....	.....	3
30	.....	6	150	155	.....	.....	.....	.....	2,248	.....	.....	.....	.....	4
210	7	156	70	2,080	5
.....	2	140	25	600	6
1,260	64	160	2,188	32,455

FIRST DISTRICT

2,190	44	198	17,672	1	1	1
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SHIPPING MINES, RECAPITULATION

County	Number of mines	Disposition of output—tons						
		Total	Loaded on cars for shipment	Sold to railroad companies	Supplied to locomotives	Sold to local trade	Used at the mines	All coal not sold June 30, including waste
Bureau.....	2	111, 208	15, 528	74, 155	697	14, 694	4, 497	1, 637
Grundy.....	1	227, 511	111, 743	112, 937	.....	1, 683	519	629
Henry.....	1	46, 616	38, 558	5, 286	.....	2, 282	390	100
LaSalle.....	4	192, 716	128, 081	.....	2, 866	58, 974	2, 795	.....
Mercer.....	1	36, 445	16, 940	19, 505	.....	.....	.....	.....
Total....	9	614, 496	310, 850	211, 883	3, 563	77, 633	8, 201	2, 366

LOCAL MINES, RECAPITULATION

Bureau.....	6	7, 844	.....	.....	.....	7, 824	20	.....
Grundy.....	2	13, 588	.....	.....	.....	12, 872	716	.....
Henry.....	11	39, 009	.....	.....	.....	37, 187	1, 822	.....
LaSalle.....	25	251, 537	.....	.....	.....	250, 290	1, 247	.....
Livingston....	4	22, 142	.....	.....	.....	21, 656	486	.....
Mercer.....	12	36, 154	.....	.....	.....	34, 956	1, 198	.....
Rock Island...	6	32, 455	.....	.....	.....	31, 195	1, 260	.....
Will.....	1	17, 672	.....	.....	.....	15, 482	2, 190	.....
Total....	67	420, 401	.....	.....	.....	411, 462	8, 939	.....

RECAPITULATION, ALL MINES

Bureau.....	8	119, 052	15, 528	74, 155	697	22, 518	4, 517	1, 637
Grundy.....	3	241, 099	111, 743	112, 937	.....	14, 555	1, 235	629
Henry.....	12	85, 625	38, 558	5, 286	.....	39, 469	2, 212	100
LaSalle.....	29	444, 253	128, 081	.....	2, 866	309, 264	4, 042	.....
Livingston....	4	22, 142	.....	.....	.....	21, 656	486	.....
Mercer.....	13	72, 599	16, 940	19, 505	.....	34, 956	1, 198	.....
Rock Island...	6	32, 455	.....	.....	.....	31, 195	1, 260	.....
Will.....	1	17, 672	.....	.....	.....	15, 482	2, 190	.....
Total....	76	1, 034, 897	310, 850	211, 883	3, 563	489, 095	17, 140	2, 366

BY COUNTIES, FIRST DISTRICT

Employees			Explosives used for blasting coal			Days of active operation	Number of mining machines used	Tons mined		Number of motors in use	Number of animals underground	Accidents	
Underground	On surface	Total	Kegs of powder	Pounds of dynamite	Pounds of permissible explosives			By hand	By machine			Killed	Injured
891	76	967	.....	.....	.....	56	.....	111,208	.....	.....	165	1	110
288	32	320	.....	.....	39,325	140	12	.....	227,511	5	26	.....	23
190	13	203	1,572	.....	.....	57	.....	46,616	.....	.....	13	.....	10
739	70	809	.....	.....	.....	108	14	97,916	94,800	5	72	.....	80
118	11	129	2,933	.....	.....	64	.....	36,445	.....	.....	15	.....	1
2,226	202	2,428	4,505	.....	39,325	89	26	292,185	322,311	10	291	1	224

BY COUNTIES, FIRST DISTRICT

35	7	42	321	.....	.....	120	.....	7,844	.....	.....	.....	.....	5
62	8	70	50	.....	.....	133	.....	13,588	.....	.....	.....	.....	4
91	14	105	935	.....	.....	180	.....	39,009	.....	.....	.....	.....	1
335	35	370	2,900	.....	.....	128	6	92,125	159,412	.....	.....	.....	29
45	7	52	490	.....	.....	176	1	15,096	7,046	.....	.....	.....	.....
66	13	79	2,884	.....	.....	165	.....	36,154	.....	.....	.....	.....	.....
52	12	64	2,188	.....	.....	160	.....	32,455	.....	.....	.....	.....	.....
38	6	44	.....	.....	.....	198	.....	17,672	.....	.....	.....	1	1
724	102	826	9,768	.....	.....	149	7	253,943	166,458	.....	.....	1	40

BY COUNTIES, FIRST DISTRICT

926	83	1,009	321	.....	.....	104	.....	119,052	.....	.....	165	1	115
350	40	390	50	.....	39,325	135	12	13,588	227,511	5	26	.....	27
281	27	308	2,507	.....	.....	170	.....	85,625	.....	.....	13	.....	11
1,074	105	1,179	2,900	.....	.....	125	20	190,041	254,212	5	72	.....	109
45	7	52	490	.....	.....	176	1	15,096	7,046	.....	.....	.....	.....
184	24	208	5,817	.....	.....	158	.....	72,599	.....	.....	15	.....	1
52	12	64	2,188	.....	.....	160	.....	32,455	.....	.....	.....	.....	.....
38	6	44	.....	.....	.....	198	.....	17,672	.....	.....	.....	1	1
2,950	304	3,254	14,273	.....	39,325	142	33	546,128	488,769	10	291	2	264

SECOND DISTRICT

*Hon. A. D. Lewis, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Second Inspection District, comprising the coal producing counties of Logan, McLean, Marshall, Peoria, Stark, Tazewell and Woodford for the year ended December 31, 1927.

The following is a summary of the items shown in the report:

Number of counties producing coal.....	7
Number of shipping mines.....	13
Number of local mines.....	96
Number of employees underground.....	2,959
Number of employees on surface.....	268
Total number of employees.....	3,227
Total tons of coal produced.....	1,655,477
Days operated, shipping mines, average.....	147
Days operated, local mines, average.....	119
Number of fatal accidents.....	9
Number of non-fatal accidents.....	162
Number of employees to each fatal accident.....	359
Number of employees to each non-fatal accident.....	20
Tons of coal produced to each fatal accident.....	183,942
Tons of coal produced to each non-fatal accident.....	10,219
Ratio of fatal accidents per 1,000 employed.....	2.79
Ratio of non-fatal accidents per 1,000 employed.....	50.20

CLOSED OR ABANDONED MINES

Silver Creek Colliery Co. No. 2; Lancaster Coal Co.

CHANGE OF NAME

Hanna City Mining Co., to Dorthel Coal Co. No. 1.

FATAL ACCIDENTS

February 6, Earl Doubet, laborer, age 26 years, married, employed at Crescent Coal Company's No. 1 mine, was killed. Deceased was on a box car on the mine run track, when he was struck and knocked off the car. He leaves a widow and two children.

March 5, John Mellor, hoisting engineer, age 40 years, married, was killed while in the employ of the Hilltop Mining Company. Deceased was found dead, and it is supposed he fell out of the tippie. He leaves a widow and four children.

March 10, Charles L. Murphy, miner, age 45 years, married, was killed by falling clod in Glasford Coal Company's mine. He leaves a widow and five children.

March 27, Lloyd E. Hendrick, top boss, age 39 years, married, died from injuries received February 5, in Lake Erie Coal Company's mine. Deceased suffered a broken leg by being caught by a piece of coal sliding from the face. He was taken to a hospital and placed under the care of physicians, but a clot of blood worked its way and lodged in a valve of the heart, causing death. He leaves a widow and seven children.

September 12, George Beetler, motorman, age 31 years, married, was electrocuted when the jug from which he was drinking touched the trolley wire, in East Mapleton Coal Company's mine. He leaves a widow.

October 1, Solomon Schummel, operator, age 35 years, single, was killed by falling roof in Pleasant Heights Coal Company's mine.

October 28, Harvey I. Ricketts, miner, age 45 years, married, was electrocuted by coming in contact with the trolley wire while passing between cars in Crescent Coal Company's No. 1 mine. He leaves a widow.

December 2, James Bedford, shot firer, age 51 years, married, died from injuries received November 26 from falling slate in Brewerton Coal Company's No. 92 mine. He leaves a widow.

December 28, William E. Bibby, miner, age 45 years, married, died from the effects of injuries received five days earlier in Crescent Coal Company's No. 2 mine, by an explosion of gas. He leaves a widow and one child.

Respectfully submitted,

WM. E. KIDD,
Inspector.

FATAL CASUALTIES, SECOND DISTRICT, 1927.

Date	Name	Age	Occupation	Residence	Name of operator of mine	No. or letter of mine	Married	Single	Widow	Children	Dependents	Cause of death
Feb. 6	Earl Doubet	26	Laborer	Peoria	Crescent Coal Co.	1	✓	✓	✓	2	3	Struck by chain on R. R. car
Mar. 5	John Mellor	40	Engineer	Peoria	Hilltop Mining Co.	1	✓	✓	✓	4	5	Fell out of tippie (supposedly)
Mar. 10	Chas. L. Murphy	45	Miner	Glasford	Glasford Coal Co.	1	✓	✓	✓	5	6	Falling clod
Mar. 27	Lloyd E. Hendrick	39	Foreman	East Peoria	Lake Erie C. M. Co.	1	✓	✓	✓	7	8	Falling rock
Sept. 12	George Beetler	31	Motorman	Pekin	East Mapleton C. Co.	1	✓	✓	✓	1	1	Electrocuted
Oct. 1	Solomon Shummel	35	Operator	Peoria	Pleasant Heights C. Co.	1	✓	✓	✓	1	1	Falling coal
Oct. 28	Harvey I. Ricketts	45	Miner	Bartonville	Crescent Coal Co.	1	✓	✓	✓	1	1	Electrocuted
Dec. 2	James Bedford	51	Shot firer	Lincoln	Brewerton Coal Co.	92	✓	✓	✓	1	1	Falling slate
Dec. 28	Wm. E. Bibby	45	Miner	Peoria	Crescent Coal Co.	2	✓	✓	✓	1	2	Gas explosion

NON-FATAL ACCIDENTS, SECOND DISTRICT.

Name of operator	Number injured	Time lost by men returned— days		Occupation	Number injured	Number returned	Time lost by men returned— days		Cause of injury	Number injured	Number returned	Time lost by men returned— days	
		Total	Average				Total	Average				Total	Average
Barron, J. T. Co.	5	131	26	26 Cager.	1	5	11	11	11 Cage.	1	1	.....	.....
Big Hollow Coal Co.	2	26	13	26 Driver.	32	5	587	22	22 Falls of roof and sides.	35	6	949	33
Brewer, C. Co. No. 92.	20	304	15	17 Electrician.	1	.....	20	20	20 Fall of person.	7	2	73	15
Canton Road C. Co.	12	66	5	33 Foreman.	1	.....	68	5	68 Haulage.	40	5	737	21
Central West C. Co.	10	142	14	24 Laborer.	9	1	192	21	24 Lifting.	14	2	275	23
Crescent Coal Co. No. 1.	29	1,010	34	38 Loader.	4	.....	113	28	28 Machinery.	3	1	64	32
Crescent Coal Co. No. 2.	21	389	18	20 Machine man.	14	2	288	24	24 Struck by objects.	53	3	1,070	21
Crescent Coal Co. No. 5.	14	234	16	20 Miner.	88	11	1,955	25	25 Miscellaneous.	3	1	62	31
Crescent Coal Co. No. 6.	16	254	15	18 Motorman.	2	1	21	21	21 Not stated.	6	.....	213	35
Dorthel Coal Co. No. 1.	4	81	20	27 Spragger.	1	.....	40	40	.....	.....	.....	.....	.....
East Mapleton C. Co.	2	21	10	10 Trackman.	2	.....	29	15	.....	.....	.....	.....	.....
Glasford Coal Co.	5	171	34	34 Trapper.	2	.....	26	13	.....	.....	.....	.....	.....
Hill Top Coal Co.	3	44	22	22 Trip rider.	1	.....	35	35	.....	.....	.....	.....	.....
Lake Erie C. Co.	11	171	17	17 Miscellaneous.	4	1	58	19	.....	.....	.....	.....	.....
Lea Bros. C. Co.	1	26	26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Liberty Coal Co.	3	92	31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lighthody, Otto.	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Limestone C. Co.	1	13	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Manhattan C. Co.	4	54	27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mohr, Ed. & Son.	4	110	27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mohn, W. G. Co.	2	55	27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sutton, W. G. Co.	2	49	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Treasurer C. Co.	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.	162	3,443	24	.....	162	21	3,443	24	.....	162	21	3,443	24

LOGAN COUNTY

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
SHIPPING MINES							
1	Brewerton Coal Co., No. 92..	Lincoln.	150,617	65,713	23,476	.....	57,951

MC LEAN COUNTY

LOCAL MINES							
1	McLean Co. Coal Co.	Bloomington	16,866	.....	.....	.....	15,081

MARSHALL COUNTY

LOCAL MINES							
1	Hy Tex Brick Co.	Sparland	9,792	.....	.....	.....	9,792
2	Tony Turk	Sparland	2,473	.....	.....	.....	2,473
3	Earnest Calwell	Sparland	1,353	.....	.....	.....	1,353
4	O. F. Presby	Sparland	1,334	.....	.....	.....	1,334
5	Lake View Mine	Sparland	1,303	.....	.....	.....	1,303
6	B. Babington	Sparland	832	.....	.....	.....	832
7	W. Dalrymple	Chilicothe	568	.....	.....	.....	568
8	J. H. Pierson	Henry	561	.....	.....	.....	561
9	Wm. Crew	Sparland	541	.....	.....	.....	541
10	Geo. Christian	Sparland	325	.....	.....	.....	325
11	Thos. Lopeman	Sparland	265	.....	.....	.....	265
12	V. Debrich	Sparland	213	.....	.....	.....	213
13	Delos Hunt	Sparland	125	.....	.....	.....	125
14	Wm. Williams	Sparland	115	.....	.....	.....	115
15	Davis & Sons	Sparland	109	.....	.....	.....	109
16	Frank Colwell	Sparland	68	.....	.....	.....	68
17	T. H. Nelson	Sparland	65	.....	.....	.....	65
18	Fred Davis	Sparland	45	.....	.....	.....	45
19	A. E. Reid	Sparland	40	.....	.....	.....	40
Total			20,127	.....	.....	.....	20,127

PEORIA COUNTY

SHIPPING MINES							
1	Crescent Coal Co., No. 1	Peoria	259,395	3,912	252,659	1,280	.....
2	Crescent Coal Co., No. 6	Peoria	180,129	1,574	175,718	.....	.....
3	Dorthel Coal Co., No. 1	Hanna City	142,953	41,219	99,793	.....	987
4	Crescent Coal Co., No. 5	Peoria	82,393	.....	82,125	.....	.....
5	Central West Coal Co.	Edwards	43,575	33,308	9,439	.....	.....
6	East Mapleton Coal Co.	Mapleton	19,378	18,454	.....	.....	924
7	Glasford Coal Co.	Glasford	16,030	6,900	8,000	.....	500
Total			743,853	105,367	627,734	1,280	2,411

SECOND DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined		Number animals underground	Accidents		Number
Tons consumed or wasted at the mine	All coal not sold including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine		Killed	Injured	
3,450	27	338	137	10,006	20	25	1	3	150,402	215	30	1	20	1

SECOND DISTRICT

1,785		98	137						16,866					1
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SECOND DISTRICT

11	280	972							9,792					1
5	100	163							2,473					2
4	117	127							1,353					3
4	92	89							1,334					4
3	183	111							1,303					5
2	146	84							832					6
4	75	67							568					7
5	80	28							561					8
2	169	55							541					9
3	50	31							325					10
2	73	26							265					11
2	59	18							213					12
2	53	16							125					13
2	50	11							115					14
2	55	11							109					15
2	47								68					16
2	34	7							65					17
2	26	4							45					18
2	35	6							40					19
61	91	1,826							20,127					

SECOND DISTRICT

340	1,204	391	148	4,141			15	4	259,395	30	2	29	1
322	2,515	273	142	8,161			5	1	114,166	65,963	22	16	2
954		197	159	2,059			9	2	142,953	24		4	3
	268	211	142	1,483			7	1	82,393	12		14	4
58	770	101	116	1,025			3	3	5,956	37,619	8	10	5
		22	248	576			2	1		19,378	1	1	2
630		87	54	1,105				1	16,030		1	5	7
2,304	4,757	1,282	144	18,550			41	13	136,152	607,701	97	4	80

PEORIA COUNTY—continued

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
	LOCAL MINES						
1	Edw. Mohn & Sons.	Bartonville.	55,201				54,001
2	Treasurer Coal Co.	Bartonville.	25,262				24,806
3	G. & W. Vicary.	Peoria.	16,451				16,076
4	Hilltop M. Co.	Peoria.	15,275				15,133
5	Canton Road C. Co.	Mapleton.	10,600				10,100
6	Lewis Blank.	Peoria.	6,767				6,767
7	Petri Coal Co.	Peoria.	6,031				6,031
8	Big Hollow C. Co.	Peoria.	5,985				5,696
9	Otto Lightbody.	Glasford.	5,939				5,939
10	Lime Stone C. Co.	Peoria.	5,404				5,404
11	M. Cusack.	Edwards.	4,567				4,567
12	Hafer & Martin.	Peoria.	4,300				4,300
13	F. P. Schmidt & Sons.	Peoria.	3,694				3,694
14	Jesse Williams.	Peoria.	2,800				2,500
15	Collins & Collear.	Peoria.	2,729				2,729
16	Dan Bisday.	Peoria.	2,587				2,587
17	Taylor Bros.	Princeville.	2,559				2,209
18	Richard Newson.	Kingston Mines.	2,407				2,000
19	Hibbard & Sneddon.	Peoria.	2,404				2,204
20	Black Diamond C. Co.	Yates City.	1,520				1,130
21	Davis & Son.	Peoria.	1,400				1,400
22	Derrickson & Son.	Ellwood.	1,200				1,200
23	Albert Swanson.	Peoria.	1,150				1,150
24	Howard Scott.	Mapleton.	1,050				1,050
25	Edw. Siegel.	Oak Hill.	950				950
26	Elmer Harper.	Pottstown.	927				927
27	Clarke & Lightbody.	Peoria.	896				896
28	Pleasant Heights C. Co.	Peoria.	888				788
29	C. H. Pattison.	Chilicothe.	765				765
30	S. R. Stever.	Peoria.	745				745
31	R. C. Crew.	Sparland.	692				692
32	Rock Glen Coal Co.	Peoria.	600				600
33	Walter May.	Oak Hill.	600				600
34	C. Green.	Pottstown.	520				520
35	W. Traynor.	Edwards.	500				500
36	Chas. Scarcliff & Son.	Glasford.	493				493
37	E. C. Porter.	Brimfield.	436				436
38	James Carlton.	Peoria.	400				400
39	John Travis.	Peoria.	384				384
40	J. C. Johnson.	Oak Hill.	360				360
41	Yelin Coal Co.	Laura.	350				350
42	Frank Tindall.	Glasford.	335				335
43	E. B. Perkins.	Hanna City.	330				330
44	J. C. Turner.	Brimfield.	320				320
45	Yelin & Miller.	Laura.	320				320
46	Turner & Son.	Edwards.	300				300
47	Heintz Coal Co.	Edwards.	300				300
48	Route Three Coal Co.	Peoria.	300				300
49	E. H. Turner.	Oak Hill.	250				250
50	Peter Stone.	Peoria.	250				250
51	Harry Bramer.	Mapleton.	250				250
52	Thos. Hunt.	Edwards.	250				250
53	E. Howe.	Edwards.	155				155
54	Miller Coal Co.	Laura.	150				150
55	Judd Coal Co.	Oak Hill.	120				120
56	John Stoughter.	Peoria.	60				60
57	Poole Coal Co.	Edwards.	50				50
58	James Burns.	Edwards.	40				40
59	Tom Stear.	Edwards.	40				40
60	J. R. Johnson.	Brimfield.	34				34
	Total.		201,642				196,933
	Total 67 mines.		945,495	105,367	627,734	1,280	199,344

SECOND DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined		Number animals underground	Accidents		Number
Tons consumed or wasted at the mine	All coal not sold including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine		Killed	Injured	
1,200		61	200	693			2			55,201			4	1
456		25	216	434			1		2,338	22,924			2	2
375		26	145	375			1		12,101	4,350				3
142		41	118	142			2		9,201	6,074		1	3	4
500		26	110	270			1			10,600			2	5
		16	176	105			1			6,767				6
		9	265	200			1			6,031				7
289		20	89	72			1		480	5,505			2	8
		5	250	325					5,939				1	9
		14	200	362					5,404					10
		11	174	409					4,567					11
		8	250	450					4,300					12
		10	50	214					3,694					13
300		10	175	175					2,800					14
		8	115	225					2,729					15
		2	120	94					2,587					16
350		8	228	222					2,559					17
407		10	101	155					2,407					18
200		10	147	238					2,404					19
390		9	70	100					1,520					20
		6	187	168					1,400					21
		6	150	100					1,200					22
		3	150	100					1,150					23
		3	180	50					1,050					24
		3	140	80					950					25
		4	90	85					927					26
100		4	293	45					896					27
		8	76	44					888			1		28
		2	125	68					765					29
		11	30	85					745					30
		1	200	84					692					31
		2	200	46					600					32
		3	90	60					600					33
		5	80	52					520					34
		2	150	50					500					35
		2	47	5					493					36
		2	90	36					436					37
		3	100	100					400					38
		1	256						384					39
		2	90	25					360					40
		2	150						350					41
		1	51	21					335					42
		3	140	35					330					43
		1	195	45					320					44
		2	125						320					45
		3	60	21					300					46
		2	100	25					300					47
		2	150	20					300					48
		2	100	15					250					49
		2	125	30					250					50
		2	90	15					250					51
		1	135	16					250					52
		1	65	12					155					53
		2	90						150					54
		1	90	5					120					55
		2	40	4					60					56
		1	60						50					57
		2	30	10					40					58
		2	10	9					40					59
		2	90						34					60
4,709		438	132	6,826			10		84,190	117,452		2		15
7,013	4,757	1,720	132	25,376			51	13	220,342	725,153	97	6	95	

STARK COUNTY

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
LOCAL MINES							
1	Downing Bros.	Castleton	2,800				2,800
2	Chas. Bensyl	Wyoming	2,560				2,560
3	John Cotton	Toulon	1,246				1,246
4	W. J. Duncan	Neponset	1,120				1,120
5	G. A. Ohman	Neponset	953				953
6	Cotton & Wilkins	Toulon	600				600
7	Jake McDaniel	Wyoming	325				325
8	Wilson Croft & Co.	Wyoming	320				280
9	Paul Smith	Bradford	185				185
10	W. N. Gory & Son	Neponset	139				139
11	Blakey & Price	Wyoming	5				5
Total 11 mines.			10,253				10,213

TAZEWELL COUNTY

SHIPPING MINES							
1	Lake Erie M. Co.	Peoria	207,167	75,614	77,348		54,205
2	Crescent Coal Co., No. 2	Peoria	138,786	23,296	114,551		400
3	Ubben Coal Co.	Pekin	39,022	15,266			23,436
Total			384,975	114,176	191,899		78,041
LOCAL MINES							
1	Manhattan Coal Co.	E. Peoria	33,622				33,522
2	Dave Grant Coal Co.	Pekin	8,138				8,138
3	Liberty C. M. Co.	E. Peoria	4,274				4,190
4	Lea Bros.	Peoria	2,445				2,435
5	Marion Martens	E. Peoria	2,000				2,000
Total			50,479				50,285
Total 8 mines			435,454	114,176	191,899		128,326

WOODFORD COUNTY

SHIPPING MINES							
1	W. G. Sutton	Minonk	68,548	57,772			9,376
2	J. T. Barron Co.	Roanoke	8,117	3,712		1,492	1,799
Total			76,665	61,484		1,492	11,175

SECOND DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined		Number animals underground	Accidents	
Tons consumed or wasted at the mine	All coal not sold including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine		Killed	Injured
.....	7	250	200	.....	.....	.....	.....	2,800	.....	.....	.....	1
.....	9	150	100	.....	.....	.....	.....	2,569	.....	.....	.....	2
.....	7	210	40	.....	.....	.....	.....	1,246	.....	.....	.....	3
.....	7	90	43	.....	.....	.....	.....	1,120	.....	.....	.....	4
.....	4	107	.....	.....	.....	.....	.....	953	.....	.....	.....	5
.....	5	300	60	.....	.....	.....	.....	600	.....	.....	.....	6
.....	4	30	25	.....	.....	.....	.....	325	.....	.....	.....	7
40	3	45	16	.....	.....	.....	.....	320	.....	.....	.....	8
.....	3	30	12	.....	.....	.....	.....	185	.....	.....	.....	9
.....	2	65	.....	.....	.....	.....	.....	139	.....	.....	.....	10
.....	1	20	.....	.....	.....	.....	.....	5	.....	.....	.....	11
40	52	118	496	.....	.....	.....	.....	10,253	.....	.....	.....	.....

SECOND DISTRICT

.....	.....	171	249	2,204	.....	8	4	.....	207,167	10	1	11	1
305	234	293	149	2,046	.....	7	4	.....	138,786	16	1	21	2
320	.....	54	158	450	.....	4	1	.....	39,022	4	.....	.....	3
625	234	518	185	4,700	.....	19	9	.....	384,975	30	2	32	.....
100	.....	52	196	729	.....	2	.....	4,363	29,259	.....	.....	4	1
.....	.....	7	109	137	.....	2	.....	.....	8,138	.....	.....	.....	2
84	.....	27	56	108	.....	1	.....	854	3,420	.....	.....	3	3
10	.....	10	65	154	.....	.....	.....	2,445	.....	.....	.....	1	4
.....	.....	10	55	167	.....	.....	.....	2,000	.....	.....	.....	.....	5
194	.....	106	96	1,295	.....	5	.....	9,662	40,817	.....	.....	8	.....
819	234	624	130	5,995	.....	24	9	9,662	425,792	30	2	40	.....

SECOND DISTRICT

1,400	.....	194	171	.....	.....	2	68,548	.....	6	.....	2	1
1,114	.....	140	35	.....	.....	.....	8,117	.....	6	.....	5	2
2,514	.....	334	103	.....	.....	2	76,665	.....	12	.....	7	.....

SHIPPING MINES, RECAPITULATION

County	Number of mines	Total	Disposition of output—tons					All coal not sold June 30, including waste
			Loaded on cars for shipment	Sold to railroad companies	Supplied to locomotives	Sold to local trade	Used at the mines	
Logan.....	1	150,617	65,713	23,476		57,951	3,450	27
Peoria.....	7	743,853	105,367	627,734	1,280	2,411	2,304	4,757
Tazewell....	3	384,975	114,176	191,899		78,041	625	234
Woodford....	2	76,665	61,484		1,492	11,175	2,514	
Total....	13	1,356,110	346,740	843,109	2,772	149,578	8,893	5,018

LOCAL MINES, RECAPITULATION

McLean.....	1	16,866				15,081	1,785	
Marshall....	19	20,127				20,127		
Peoria.....	60	201,642				196,933	4,709	
Stark.....	11	10,253				10,213	40	
Tazewell....	5	50,479				50,285	194	
Total....	96	299,367				292,639	6,728	

RECAPITULATION, ALL MINES

Logan.....	1	150,617	65,713	23,476		57,951	3,450	27
McLean.....	1	16,866				15,081	1,785	
Marshall....	19	20,127				20,127		
Peoria.....	67	945,495	105,367	627,734	1,280	199,344	7,013	4,757
Stark.....	11	10,253				10,213	40	
Tazewell....	8	435,454	114,176	191,899		128,326	819	234
Woodford....	2	76,665	61,484		1,492	11,175	2,514	
Total....	109	1,655,477	346,740	843,109	2,772	442,217	15,621	5,018

BY COUNTIES, SECOND DISTRICT

Employees			Explosives used for blasting coal			Days of active operation	Number of mining machines used	Tons mined		Number of motors in use	Number of animals underground	Accidents	
Underground	On surface	Total	Kegs of powder	Pounds of dynamite	Pounds of permissible explosives			By hand	By machine			Killed	Injured
310	28	338	10,006	20	25	137	1	150,402	215	3	30	1	20
1,196	86	1,282	18,550			144	41	136,152	607,701	13	97	4	80
484	34	518	4,700			185	19		384,975	9	30	2	32
310	24	334				103		76,665		2	12		7
2,300	172	2,472	33,256	20	25	147	61	363,219	992,891	27	169	7	139

BY COUNTIES, SECOND DISTRICT

88	10	98				137		16,866					
58	3	61	1,826			91		20,127					
388	50	438	6,826			132	10	84,190	117,452			2	15
43	9	52	496			118		10,253					
82	24	106	1,295			96	5	9,662	40,817				8
659	96	755	10,443			119	15	141,098	158,269			2	23

BY COUNTIES, SECOND DISTRICT

310	28	338	10,006	20	25	137	1	150,402	215	3	30	1	20
88	10	98				137		16,866					
58	3	61	1,826			91		20,127					
1,584	136	1,720	25,376			132	51	220,342	725,153	13	97	6	95
43	9	52	496			118		10,253					
566	58	624	5,995			130	24	9,662	425,792	9	30	2	40
310	24	334				103		76,665		2	12		7
2,959	268	3,227	43,699	20	25	123	76	504,317	1,151,160	27	169	9	162

THIRD DISTRICT

*Hon. A. D. Lewis, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Third Inspection District, comprising the coal producing counties of Adams, Cass, Fulton, Hancock, Knox, McDonough, Schuyler and Warren, for the year ended December 31, 1927.

The following is a summary of the items shown in the report:

Number of counties producing coal.....	8
Number of shipping mines.....	15
Number of local mines.....	251
Number of employees underground.....	2,098
Number of employees on surface.....	373
Total number of employees.....	2,471
Total tons of coal produced.....	1,815,174
Days operated, shipping mines, average.....	142
Days operated, local mines, average.....	116
Number of fatal accidents.....	3
Number of non-fatal accidents.....	99
Number of employees to each fatal accident.....	824
Number of employees to each non-fatal accident.....	25
Tons of coal produced to each fatal accident.....	605,058
Tons of coal produced to each non-fatal accident.....	18,335
Ratio of fatal accidents per 1,000 employed.....	1.21
Ratio of non-fatal accidents per 1,000 employed.....	40.07

CLOSED AND ABANDONED MINES

Cripple Creek Coal Co.; Spoon River Colliery Co.; Shuler & Long Coal Co.; Ideal Coal Co.

CHANGE OF NAME

Hanna City Coal Co. No. 2, to Dorthel Coal Co. No. 3.
Kickapoo Coal Co., to Dorthel Coal Co. No. 2.
Middleton Coal Co., to Breeds Coal Co.
Newsom Bros., to Cuba Coal Co.

FATAL ACCIDENTS

January 7, Erman Stevnor, miner, age 36 years, married, was killed in Saline County Coal Corporation's No. 22 mine. Deceased was helping move the machine, when the bits caught his leg, drawing it into the machine and cutting it off above the

ankle, resulting in death in about six hours. He leaves a widow and two children.

November 9, Harry Anderson, laborer, age 53 years, married, was killed in United Electric Coal Company's mine. Deceased was working under the steam shovel when the dipper handle spacer broke and fell, striking him on the head, killing him instantly. He leaves a widow.

December 10, John Kinnamon, miner, age 68 years, married, was killed in Fred Lovell's mine by a fall of coal. He leaves a widow.

Respectfully submitted,

THOMAS P. BACK,

Inspector.

FATAL CASUALTIES, THIRD DISTRICT, 1927.

Date	Name	Age	Occupation	Residence	Name of operator of mine	No. or letter of mine	Married	Single	Widow	Children	Dependents	Cause of death
Jan. 7	Erman Stevnor	36	Miner	St. David	Saline Co. Coal Corp.	22	✓	...	✓	2	3	Mining machine
Nov. 9	Harry Anderson	53	Laborer	Cuba	United Electric Coal Co.	9	✓	...	✓	...	1	Machinery
Dec. 10	John Kinnamon	68	Miner	Ipava	Fred Loaval	...	...	...	✓	...	1	Falling coal

NON-FATAL ACCIDENTS, THIRD DISTRICT.

Name of operator	Number injured	Time lost by men returned—days		Number not returned	Occupation		Number injured	Number not returned	Time lost by men returned—days		Cause of injury	Number injured	Number not returned	Time lost by men returned—days		Total	Average
		Total	Average														
Alden Coal Co., No. 5.....	1	46			46 Blacksmith.....		2		35		18 Falls of roof and sides.....	11	3	282		35	
Blakely Coal Co.....	1	18			18 Driver.....		4		84		21 Fall of person.....	11		379		34	
Bowman Coal Co.....	1			1	Fireman.....		1		30		30 Gas explosion.....	1		30		30	
Canton Coal Co.....	13	645			50 Laborer.....		19		614		32 Haulage.....	9		285		32	
Clear View C. Co.....	1	25			25 Loader.....		7		286		36 Lifting.....	11	1	333		33	
Dorthel Coal Co., No. 2.....	11	362		1	36 Machine man.....		7		338		56 Machinery.....	4	1	101		34	
Dorthel Coal Co., No. 3.....	3	68			23 Miner.....		46	3	1, 136		26 Struck by objects.....	39		1, 260		32	
Galesburg M. Co.....	12	156			16 Motorman.....		1		37		37 Miscellaneous.....	9		216		24	
Long & O'Leary.....	2	42			21 Shot firer.....		1				Not stated.....	4	1	53		18	
Putnam C. Co.....	3	162			54 Timberman.....		5		305								
Rawl C. Co.....	8	184			23 Trackman.....		3		58								
Rawl C. C. Corp., No. 22.....	16	562		1	37 Trip rider.....		1		16								
Silver Creek C. Co.....	7	215															
United Elec. C. Co., No. 9.....	16	393															
Walsh, John.....	3			1													
Westerly Bros. C. Co.....	3	61															
Total.....	99	2, 939	32	6			99	6	2, 939	32		99	6	2, 939		32	

ADAMS COUNTY

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
LOCAL MINES							
1	Ira Fergusson.....	Liberty.....	240				240

CASS COUNTY

LOCAL MINES							
1	J. H. Miller.....	Chandlerville.....	1,075				1,075
2	James Penman.....	Ashland.....	293				293
3	Jacob Stocker.....	Beardstown.....	160				160
Total.....			1,528				1,528

FULTON COUNTY

SHIPPING MINES							
1	United Electric Co., No. 9.....	Cuba.....	740,083	384,603	354,725		
2	Canton Coal Co.....	Norris.....	162,158	66,441	93,903		464
3	Dorthel Coal Co., No. 2.....	Farmington.....	131,365	131,125			
4	Saline Co. C. Corp., No. 22.....	St. David.....	111,964	79,967	31,397		
5	Dorthel Coal Co., No. 3.....	Farmington.....	66,433	65,977			122
6	Rawalt Coal Co.....	Canton.....	55,881	49,152	5,488		1,241
7	Silver Creek C. Co., No. 1.....	Farmington.....	46,502	12,428	33,884		
8	Alden C. Co., No. 5.....	Farmington.....	16,421	13,489	2,193		739
9	Putnam Coal Co.....	Breeds.....	12,658	12,658			
10	Tony Tomliovich C. Co.....	Canton.....	9,926	9,926			
11	G. & L. Coal Co.....	Breeds.....	9,723	9,648			75
12	Breeds Coal Co.....	Breeds.....	9,204	8,436	768		
13	Cuba Coal Co.....	Cuba.....	2,193	2,106			
14	Farmington C. M. Co.....	Farmington.....	1,180	240	900		40
Total.....			1,375,691	846,196	523,258		2,681
LOCAL MINES							
1	Blakeley Coal Co.....	Canton.....	57,600				57,600
2	Clear View C. Co.....	Canton.....	48,108				46,607
3	Westerby Bros.....	Farmington.....	14,345				14,301
4	Oscar Anderson.....	Canton.....	12,480				12,180
5	Pschiners & Sons.....	Canton.....	10,080				10,000
6	F. J. Lovel.....	Ipava.....	6,120				6,120
7	Bert Dudley.....	Glasford.....	6,039				6,039
8	Egan Bros.....	Canton.....	5,986				5,986
9	West Canton C. Co.....	Canton.....	5,760				5,760
10	Straley & Bennett.....	Bryant.....	5,023				5,023
11	Jerry Yocum.....	Lewistown.....	4,800				4,000
12	J. W. Picton & Sons.....	Canton.....	4,231				4,231
13	David Thomas.....	Astoria.....	3,936				3,936
14	E. W. Duvall.....	Lewistown.....	3,730				3,297
15	Long & Alcott.....	Fairview.....	3,645				1,116
16	Hayes Dalton.....	Ellisville.....	3,276				3,056
17	John Walsh.....	Cuba.....	2,892				2,788
18	Lutz & Grissom.....	Astoria.....	2,500				2,225

THIRD DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined		Number animals underground	Accidents	
Tons consumed or wasted at the mine	All coal not sold including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine		Killed	Injured
.....	2	163	10	.....	.....	.....	.....	240	.....	.....	.....	1

THIRD DISTRICT

.....	.....	5	173	189	.....	.....	.....	.....	1,075	.....	.....	.....	1
.....	.....	3	100	18	.....	.....	.....	.....	293	.....	.....	.....	2
.....	.....	1	80	20	.....	.....	.....	.....	160	.....	.....	.....	3
.....	.....	9	118	227	.....	.....	.....	.....	1,528	.....	.....	.....	.....

THIRD DISTRICT

.....	755	150	284	4,000	.....	800	.....	.....	Strip	.....	.....	1	16	1
1,350	.....	263	121	2,553	.....	.....	13	4	162,158	23	.....	.....	13	2
240	.....	211	156	3,033	.....	.....	12	2	13,142	118,223	20	.....	11	3
600	.....	196	100	2,077	.....	.....	16	4	111,964	20	1	.....	16	4
334	.....	138	152	5,008	.....	.....	4	2	60,968	5,465	9	.....	3	5
.....	.....	98	118	1,239	35	.....	3	1	6,227	49,654	10	.....	8	6
190	.....	169	74	1,946	.....	.....	3	3	22,072	24,430	12	.....	7	7
.....	.....	54	52	207	.....	.....	2	.....	.....	16,421	3	.....	1	8
.....	.....	28	236	703	.....	.....	1	1	12,658	.....	2	.....	3	9
.....	.....	11	223	283	.....	.....	1	.....	.....	9,926	2	.....	.....	10
.....	.....	10	138	700	.....	.....	.....	.....	9,723	.....	2	.....	.....	11
.....	.....	84	88	23	.....	.....	.....	.....	9,204	.....	1	.....	.....	12
87	.....	8	121	116	.....	.....	.....	.....	2,193	.....	1	.....	.....	13
.....	.....	27	33	44	.....	.....	1	1	.....	1,180	2	.....	.....	14
2,801	755	1,447	135	21,932	35	800	55	18	136,187	499,421	107	2	78	.....
.....	.....	25	300	1,440	.....	.....	1	.....	57,600	.....	.....	.....	1	1
1,501	.....	27	300	550	.....	.....	2	.....	48,108	.....	.....	.....	1	2
44	.....	14	204	867	.....	.....	1	.....	8,038	6,307	.....	.....	3	3
300	.....	23	208	562	.....	.....	.....	.....	12,480	.....	.....	.....	.....	4
80	.....	17	240	300	.....	.....	1	.....	.....	10,080	.....	.....	.....	5
.....	.....	9	300	305	.....	.....	.....	.....	6,120	.....	1	.....	.....	6
.....	.....	2	300	30	.....	.....	.....	.....	6,039	.....	.....	.....	.....	7
.....	.....	8	210	100	.....	.....	.....	.....	5,986	.....	.....	.....	.....	8
.....	.....	11	286	420	.....	.....	.....	.....	5,760	.....	.....	.....	.....	9
.....	.....	9	227	200	.....	.....	.....	.....	5,023	.....	.....	.....	.....	10
800	.....	12	210	300	.....	.....	.....	.....	4,800	.....	.....	.....	.....	11
.....	.....	10	276	352	.....	.....	.....	.....	4,231	.....	.....	.....	.....	12
.....	.....	6	146	106	.....	.....	.....	.....	3,936	.....	.....	.....	.....	13
433	.....	11	211	455	.....	.....	.....	.....	3,730	.....	.....	.....	.....	14
2,529	.....	8	167	61	.....	.....	1	.....	.....	3,645	.....	.....	2	15
220	.....	10	147	338	.....	.....	.....	.....	3,276	.....	.....	.....	.....	16
104	.....	7	166	169	.....	.....	.....	.....	2,892	.....	.....	.....	.....	17
275	.....	7	175	97	.....	.....	.....	.....	2,500	.....	.....	.....	.....	18

FULTON COUNTY—continued

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
19	T. E. Wilson	Summum	2,221				2,221
20	N. W. Zimmerman	Smithfield	2,044				2,044
21	Fred Chandler & Co.	Smithfield	1,885				1,885
22	Planqua & McElsoy	Canton	1,800				1,800
23	C. E. Haster	Canton	1,800				1,800
24	Lundquist & Fleming	Lewistown	1,673				1,673
25	John Cimo	Lewistown	1,500				1,500
26	C. & W. Coal Co.	Astoria	1,400				1,400
27	Canton Road C. Co.	Canton	1,400				1,400
28	Cop & Kruger	Canton	1,300				1,300
29	Horton & Son	Canton	1,272				1,160
30	Orion Coal Co.	Canton	1,261				1,261
31	Abe Bath	Canton	1,200				1,200
32	Chas. Ditto	Fiatt	1,200				1,200
33	Ray Post	Bryant	1,125				1,125
34	James R. Gray	Ipava	1,085				1,085
35	Haynes & Son	Canton	1,000				1,000
36	Harry Coons & Co.	Breeds	971				971
37	Tony Konzlarich	Farmington	918				700
38	J. A. Johnson	St. David	800				800
39	A. Hamm	Marietta	772				772
40	Marion Stufflebeam	St. David	750				750
41	Chas. Raker	Lewistown	750				750
42	Wesley Ford	Fairview	738				738
43	W. T. Evans	Cuba	727				727
44	R. Burt	Cuba	726				726
45	J. Grundle & Sons	Cuba	700				680
46	D. O. Stevenson & Son	Cuba	694				644
47	Andrew Webber	Table Grove	640				640
48	Williams & Bedwell	Dunfermline	620				620
49	Arnold & Leonard	Glasford	588				588
50	Stevenson Bros.	Cuba	565				565
51	Allen English & Bros.	Marietta	565				565
52	Ratcliff Bros.	Fairview	502				502
53	Allen English & Bros.	Marietta	500				500
54	Issac Hendee & Son	Havana	495				495
55	Porter & Merchant	Cuba	485				485
56	Earl Groceovich	Havana	485				485
57	S. Kitcham	Canton	480				480
58	Geo. Zimmerman	Avon	470				470
59	Lewis Johnson	Canton	460				460
60	R. A. Kitcham	Canton	440				440
61	James Grindle & Son	Cuba	437				437
62	Perkhizer & Brown	Bryant	430				380
63	Arthur Malmgren	Glasford	428				428
64	Chas. Walker	Abingdon	420				420
65	Chas. Raker	Lewistown	400				400
66	Chas. Truman	Canton	400				400
67	Harley Cape & Bros.	Canton	400				400
68	Merchant & Porter	Cuba	397				397
69	Provard & Bros.	Fairview	395				395
70	F. C. Lingenfelter	Canton	383				383
71	James Baughman	Marietta	382				382
72	Grove & Butler	London Mills	380				380
73	Albert De Moss	Bryant	377				377
74	W. H. Anderson	Fiatt	352				352
75	Joe De Four & Son	Fairview	320				320
76	Buchanan & Bitner	Glasford	308				308
77	Geo Edgerley Son	Fairview	305				305
78	Hagaman & Groom	Fairview	301				301
79	Chas Danner	Ipava	300				300
80	Dan Havens	Marietta	295				295
81	Harley Scalf	Lewistown	285				285
82	E. Wilcoxson & Son	Canton	280				280

THIRD DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined		Number animals underground	Accidents	
Tons consumed or wasted at the mine	All coal not including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine		Killed	Injured
		5	270	100					2,221				19
		5	240	228					2,044				20
		2	165	36					1,885				21
		8	160	95					1,800				22
		9	70	80					1,800				23
		6	66	104					1,673				24
		4	150	100					1,500				25
		9	156	75					1,400				26
		7	130	200					1,400				27
		6	200	75					1,300				28
		4	78	72					1,272				29
		2	90	80					1,261				30
		3	220	60					1,200				31
		2	250	75					1,200				32
		3	200	45					1,125				33
		2	178	42					1,085				34
		2	250	75					1,000				35
		4	60	50					971				36
		4	103	51					918				37
		2	90	48					800				38
		6	136	150					772				39
		2	240	26					750				40
		2	150	38					750				41
		2	125	84					738				42
		1	150	36					727				43
		2	150	37					726				44
		2	150	32					700				45
		4	150	60					694				46
		4	170	24					640				47
		5	45	8					620				48
		2	50	57					588				49
		3	85	24					565				50
		2	130						565				51
		2	160	20					502				52
		2	160						500				53
		3	135	20					495				54
		5	120	14					485				55
		2	125	40					485				56
		4	100	35					480				57
		3	65	18					470				58
		2	150	28					460				59
		2	73	30					440				60
		2	150	25					437				61
		4	50	25					430				62
		1	120	25					428				63
		2	100	38					420				64
		3	65	40					400				65
		5	60	20					400				66
		2	60	24					400				67
		2	60	16					397				68
		2	160	16					395				69
		2	102	12					383				70
		2	191						382				71
		2	120	20					380				72
		2	100	25					377				73
		2	100	8					352				74
		3	275	15					320				75
		2	270	52					308				76
		1	150	15					305				77
		3	70	3					301				78
		9	220	75					300				79
		2	115						295				80
		2	110						285				81
		2	60	4					280				82

FULTON COUNTY—concluded

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
83	C. C. Renau	Marietta	280				280
84	Geo. Dawson	Canton	249				233
85	Fred Nunaker	Marietta	240				240
86	Ross Wilcoxson	Canton	232				232
87	Wm. Brignall	Canton	230				230
88	G. R. King & Son	Canton	227				174
89	David Baker	Canton	225				225
90	Carson Chapin	Lewistown	225				225
91	Weese & Sims	Smithfield	218				218
92	Sam Meyers	St. David	214				214
93	Jacob Wages	Canton	206				206
94	Jump & Dare	Canton	206				206
95	Memmen & Street	Rapatee	200				200
96	Harry Evans	Cuba	200				200
97	Frank Strode & Son	Cuba	188				188
98	John Wagstaff	Marietta	185				185
99	S. Ford	Cuba	185				185
100	S. Lengenfelder	Canton	181				181
101	H. R. King	Lewistown	180				180
102	Ed. Baxter	Canton	178				178
103	Fred D. Ranch	Canton	175				175
104	L. Swearington	Cuba	175				175
105	Paul & Freeman	Brighton	175				175
106	McGradie & Miller	Canton	175				175
107	V. W. Brown	Marietta	173				173
108	Engle & Engle	Cuba	172				172
109	John Early	Marietta	170				170
110	Geo. Whitehead	Liverpool	165				165
111	Henry Whaley	Lewistown	160				160
112	Bartol Zaborac	Canton	160				160
113	N. Smith	Marietta	155				155
114	H. R. Kink	Lewistown	150				150
115	C. H. Baughman	Fairview	145				145
116	Vernon Freeser	Fiatt	140				140
117	Chas. Baxter	Bryant	128				128
118	Cresetto & Dewitt	Fairview	125				125
119	J. A. Passent	Fiatt	120				120
120	Frank G. Mathews	Cuba	118				118
121	Chas. Camblet	Marietta	115				115
122	Bruce Melvin	Smithfield	95				95
123	Lasswell & Cooper	Cuba	90				90
124	Ben Scrogium	Summum	85				85
125	S. Ford	Cuba	85				85
126	Frank Dalost	Canton	84				84
127	Hughes Bros.	Lewistown	81				81
128	Amos Derry	Ipava	80				80
129	Roy Casler & Co.	Lewiston	75				75
130	Wm. Fauscett	Vernmont	75				75
131	James Ghogleir	Bryant	72				72
132	John Easley	Ipava	70				70
133	Deloss Leonard	Lewistown	65				65
134	S. A. Arnett	Lewistown	65				65
135	E. Eyman	Lewistown	60				60
136	Anderson & Son	Canton	60				60
137	Sherwood & Nicholson	Canton	55				55
138	B. F. Little	Table Grove	50				50
139	Clyde Fitzpatrick	Middle Grove	50				50
140	W. P. Ackerson	Marietta	50				50
141	John Stufflebaum	Lewistown	40				40
142	Dilts Bros.	Fiatt	40				40
143	Frank Jurako	Canton	40				40
144	C. L. Walch	Farmington	38				38
145	Ed. Hodson	Canton	35				35
146	Nickolson & Green	Canton	16				16
Total			258,234				251,429
Total 160 mines			1,633,925	846,196	523,258		254,110

THIRD DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined		Number animals underground	Accidents	
Tons consumed or wasted at the mine	All coal not including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine		Killed	Injured
16		3	70	5					280				83
		5	20	23					249				84
		3	90						240				85
		1	108	11					232				86
		4	90	30					230				87
53		3	81	13					227				88
		2	100	15					225				89
		1	115	20					225				90
		2	60	4					218				91
		2	85	16					214				92
		2	80	12					206				93
		2	50	8					206				94
		2	150	17					200				95
		2	75	5					200				96
		2	101	8					188				97
		2	180						185				98
		2	87	6					185				99
		1	100	12					181				100
		2	120	2					180				101
		2	60	9					178				102
		2	53	3					175				103
		2	65						175				104
		2	50	6					175				105
		1	85	9					175				106
		2	53						173				107
		2	43	7					172				108
		2	60	5					170				109
		2	25	3					165				110
		1	100	30					160				111
		2	80	7					160				112
		2	75						155				113
		2	60						150				114
		2	28	6					145				115
		2	60	4					140				116
		2	40	8					128				117
		2	85						125				118
		1	34	5					120				119
		2	20	2					118				120
		2	80						115				121
		2	35	4					95				122
		2	20	8					90				123
		1	70	4					85				124
		2	25	5					85				125
		1	40	4					84				126
		2	17	15					81				127
		2	20						80				128
		2	19	6					75				129
		2	25						75				130
		2	17	3					72				131
		2	35	2					70				132
		1	80						65				133
		2	60						65				134
		2	50						60				135
		2	20	4					60				136
		2	50	5					55				137
		2	15						50				138
		2	30						50				139
		1	50						50				140
		1	20						40				141
		2	16	3					40				142
		1	8	3					40				143
		1	30						38				144
		1	60	4					35				145
		2	6	1					16				146
6,805		546	111	9,964			6		132,494	125,740		1	8
9,606	755	1,993	113	31,896	35	800	61	18	268,681	625,161		3	86

HANCOCK COUNTY

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
LOCAL MINES							
1	Everett Meredith.	Augusta.	1, 100				1, 100
2	Ebben & Young.	Augusta.	900				900
3	Alfred Barnes.	Augusta.	225				225
Total.			2, 225				2, 225

KNOX COUNTY

SHIPPING MINES						
1	Galesburg M. Co.	Galesburg	104,197	4,073	78,888	19,916
LOCAL MINES						
1	Otis Bowman	Yates City	4,095			3,585
2	Littlers Creek C. Co.	Middle Grove	3,350			3,340
3	Wm. Mertz	Rapatee	2,001			2,001
4	L. E. Holford	Rapatee	1,995			1,974
5	Staughten & Hughbanks	Middle Grove	1,720			1,720
6	Asa Roach	Galesburg	1,620			1,620
7	Floyd Buffington	Rapatee	1,267			1,267
8	Victor Smith	Rapatee	1,260			1,260
9	Eric Strom	Victoria	1,200			1,200
10	T. H. Milan	Victoria	1,060			1,060
11	Watt Weedman	Victoria	1,000			1,000
12	A. D. Morgan	Oneida	800			800
13	Horkstron Bros	Victoria	785			785
14	Geo. Secrist	Victoria	750			750
15	Salem Anderson	Middle Grove	670			670
16	Edgar Laurer	Victoria	600			600
17	T. V. Ponder	Victoria	600			600
18	Domason & Smallbury	Elwood	565			565
19	Jake Hubble	Middle Grove	560			560
20	L. B. Hughbank	Middle Grove	559			507
21	Storm & Anderson	Victoria	500			500
22	J. B. Moras	Middle Grove	430			430
23	S. Foster	Middle Grove	415			415
24	Alfred Boastrom	Oneida	356			356
25	Earl Corbett	Rapatee	335			335
26	Albert Peteison	Victoria	250			250
27	Albert Peterson	Victoria	200			200
28	C. G. Bankston & Son	Watago	90			90
29	Henry Larson	Watago	80			80
30	Chas. Linn	Victoria	75			75
31	A. O. McNaught	Victoria	64			64
32	Wm. Chanock	Knoxville	60			60
33	Ben Chase	Abingdon	55			55
34	Chas. Johnson	Oneida	52			52
35	Andrew Pierson	Wataga	36			36
36	J. D. Gale	Victoria	15			15
	Total		29,470			28,877
	Total 37 mines		133,667	4,073	78,888	48,793

THIRD DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined		Accidents	
Tons consumed or wasted at the mine	All coal not including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine	Number animals underground	Number
		4	210						1,100			1
		11	90						900			2
		4	180						225			3
		16	160						2,225			

THIRD DISTRICT

774	546	120	230	7,357		16,750	1	104,197	15	12	1
510		8	214	250				4,095			1
10		4	275	280				3,350			2
		6	180	200				2,001			3
21		5	195	250				1,995			4
		5	140	82				1,720			5
		6	150	150				1,620			6
		5	200	150				1,267			7
		3	110	126				1,260			8
		5	150					1,200			9
		7	60	150				1,060			10
		4	200					1,000			11
		5	200					800			12
		4	100					785			13
		3	160					750			14
		3	180					670			15
		2	150	42				600			16
		3	120	36				600			17
		2	80	6				565			18
		2	140	42				569			19
52		4	125	62				559			20
		5	100					500			21
		2	150	15				430			22
		2	100	23				415			23
		5	200					356			24
		2	85	55				335			25
		3	50					250			26
		3	150					200			27
		2	90	2				90			28
		1	100					80			29
		1	65					75			30
		2	60					64			31
		1	50					60			32
		1	40					55			33
		2	60					52			34
		1	40					36			35
		2	6					15			36
593		121	124	1,921				29,470			1
1,367	546	241	127	9,278		16,750	1	133,667			13

MC DONOUGH COUNTY

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
LOCAL MINES							
1	J. A. Wiley.....	Colchester.....	2,800				2,800
2	Waddill, Nelson & Cassidy.....	Tennessee.....	2,400				2,400
3	Band & Reynolds.....	Colchester.....	1,743				1,743
4	Wm. Whalin.....	Colchester.....	1,500				1,500
5	Gates Fire Clay Co.....	Colchester.....	1,480				1,480
6	W. G. Benson.....	Colchester.....	1,040				1,040
7	E. W. Miller.....	Macomb.....	479				479
8	Hecker & Heaton.....	Colchester.....	450				450
9	Murray & Wawter.....	Colchester.....	440				440
10	P. Frisdie & Son.....	Tandon.....	400				400
11	S. M. McCord.....	Colchester.....	363				363
12	James Wayland.....	Colchester.....	280				280
13	W. H. Robison.....	Colchester.....	274				274
14	Mourning & McGrann.....	Colchester.....	260				260
15	John Berry.....	Colchester.....	240				240
16	Booth & Son.....	Colchester.....	201				201
17	Elmer Gex.....	Industry.....	160				160
18	Ira Curtis.....	Birmingham.....	160				160
19	R. W. Carnahan.....	Macomb.....	150				150
20	Webster & Crow.....	Colchester.....	140				140
21	L. Willey.....	Colchester.....	120				120
22	A. Atkinson.....	Colchester.....	112				112
23	B. Dorothy.....	Colchester.....	106				106
24	Gustafson & Co.....	Colchester.....	100				100
25	George Bellville.....	Industry.....	100				100
26	Frank Burton.....	Colchester.....	96				96
27	Tom Fox.....	Colchester.....	92				92
28	Hays & Kilgore.....	Colchester.....	80				80
29	George E. Tul.....	Industry.....	50				50
30	Frank Nelson.....	Colchester.....	50				50
Total.....			15,866				15,866

THIRD DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined		Number animals underground	Accidents		Number
Tons consumed or wasted at the mine	All coal not including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine		Killed	Injured	
.....	5	200	52	.....	.....	.....	.....	2,800	.....	.....	.....	.....	1
.....	4	120	.....	.....	.....	.....	.....	2,400	.....	.....	.....	.....	2
.....	9	145	.....	.....	.....	.....	.....	1,743	.....	.....	.....	.....	3
.....	2	300	.....	.....	.....	.....	.....	1,500	.....	.....	.....	.....	4
.....	8	310	.....	.....	.....	.....	.....	1,480	.....	.....	.....	.....	5
.....	6	125	10	.....	.....	.....	.....	1,040	.....	.....	.....	.....	6
.....	2	182	.....	.....	.....	.....	.....	479	.....	.....	.....	.....	7
.....	2	210	.....	.....	.....	.....	.....	450	.....	.....	.....	.....	8
.....	3	178	.....	.....	.....	.....	.....	440	.....	.....	.....	.....	9
.....	3	175	.....	.....	.....	.....	.....	400	.....	.....	.....	.....	10
.....	3	100	.....	.....	.....	.....	.....	363	.....	.....	.....	.....	11
.....	2	150	.....	.....	.....	.....	.....	280	.....	.....	.....	.....	12
.....	4	130	.....	.....	.....	.....	.....	274	.....	.....	.....	.....	13
.....	2	130	.....	.....	.....	.....	.....	260	.....	.....	.....	.....	14
.....	2	120	.....	.....	.....	.....	.....	240	.....	.....	.....	.....	15
.....	2	100	.....	.....	.....	.....	.....	201	.....	.....	.....	.....	16
.....	1	200	.....	.....	.....	.....	.....	160	.....	.....	.....	.....	17
.....	3	80	.....	.....	.....	.....	.....	160	.....	.....	.....	.....	18
.....	2	75	.....	.....	.....	.....	.....	150	.....	.....	.....	.....	19
.....	2	90	.....	.....	.....	.....	.....	140	.....	.....	.....	.....	20
.....	2	75	.....	.....	.....	.....	.....	120	.....	.....	.....	.....	21
.....	1	120	.....	.....	.....	.....	.....	112	.....	.....	.....	.....	22
.....	1	90	.....	.....	.....	.....	.....	106	.....	.....	.....	.....	23
.....	3	75	.....	.....	.....	.....	.....	100	.....	.....	.....	.....	24
.....	2	80	.....	.....	.....	.....	.....	100	.....	.....	.....	.....	25
.....	4	80	.....	.....	.....	.....	.....	96	.....	.....	.....	.....	26
.....	1	100	.....	.....	.....	.....	.....	92	.....	.....	.....	.....	27
.....	2	60	.....	.....	.....	.....	.....	80	.....	.....	.....	.....	28
.....	4	10	.....	.....	.....	.....	.....	50	.....	.....	.....	.....	29
.....	1	25	.....	.....	.....	.....	.....	50	.....	.....	.....	.....	30
.....	87	128	62	.....	.....	.....	.....	15,866	.....	.....	.....	.....	.....

SCHUYLER COUNTY

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
LOCAL MINES							
1	Marine & Lewis.....	Rushville.....	6, 162				6, 082
2	C. W. Harre.....	Rushville.....	4, 359				4, 359
3	A. H. McCormick & Son.....	Rushville.....	4, 120				4, 120
4	Ed. Evans.....	Rushville.....	2, 425				2, 425
5	M. C. Coal Co.....	Rushville.....	625				615
6	E. E. Rineing.....	Fredrick.....	600				600
7	Clyde Shrinkle.....	Littleton.....	400				400
8	D. Marquis.....	Ray.....	325				325
9	Robt. McCloud.....	Littleton.....	300				300
10	Tom Loring.....	Industry.....	300				300
11	Reader Bros.....	Camden.....	250				250
12	Earl Kuhn.....	Camden.....	200				200
13	Hendricks & Ackerman.....	Fredrick.....	200				200
14	Phil. Jennings.....	Industry.....	200				200
15	Meridith & Son.....	Littleton.....	200				200
16	L. G. Willey.....	Birmingham.....	150				150
17	Chas. Yaap.....	Littleton.....	150				150
18	John White.....	Rushville.....	100				100
19	W. W. Simpson.....	Ray.....	100				100
20	Leslie Sipes.....	Ray.....	100				100
21	Corrick & Connolly.....	Rushville.....	96				96
22	Ray Pitman.....	Huntsville.....	75				75
23	Henry Shirley.....	Industry.....	75				75
24	John Verner.....	Huntsville.....	50				50
25	F. W. Croxten.....	Rushville.....	50				50
26	Mitchell & Bros.....	Rushville.....	40				40
Total.....			21, 652				21, 562

WARREN COUNTY

LOCAL MINES						
1	A. L. Richardson.....	Alexis.....	3, 470			3, 170
2	Alfred Manuel.....	Roseville.....	1, 200			1, 200
3	Earl Bailly.....	Alexis.....	1, 078			1, 003
4	W. Caldwell.....	Avon.....	200			200
5	H. E. Bonney.....	Abingdon.....	108			108
6	G. C. Love.....	Good Hope.....	15			15
Total.....			6, 071			5, 696

THIRD DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined		Number animals underground	Accidents		Number
Tons consumed or wasted at the mine	All coal not including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine		Killed	Injured	
80		9	242	397					6,162					1
		11	200	235					4,359					2
		7	250	240					4,120					3
		7	148	75					2,425					4
10		10	250	360					625					5
		2	200	40					600					6
		3	100	20					400					7
		3	81	18					325					8
		3	100						300					9
		3	100	10					300					10
		2	100						250					11
		2	100	15					200					12
		2	75	15					200					13
		4	50						200					14
		3	100						200					15
		2	75						200					16
		2	75						150					17
		2	50	5					150					18
		2	50						100					19
		1	100						100					20
		7	30	20					96					21
		1	75						75					22
		2	40	4					75					23
		2	25						50					24
		1	50						50					25
		2	20						40					26
90		95	103	1,454					21,652					

THIRD DISTRICT

300		6	235	300					3,470					1
		6	150						1,200					2
75		6	175	80					1,078					3
		2	270						200					4
		2	60	12					108					5
		3	15						15					6
375		25	151	392					6,071					

SHIPPING MINES, RECAPITULATION

County	Number of mines	Total	Disposition of output—tons					All coal not sold June 30, in- cluding waste
			Loaded on cars for shipment	Sold to railroad companies	Supplied to locomotives	Sold to local trade	Used at the mines	
Fulton.....	14	1,375,691	846,196	523,258		2,681	2,801	755
Knox.....	1	104,197	4,073	78,888		19,916	774	546
Total....	15	1,479,888	850,269	602,146		22,597	3,575	1,301

LOCAL MINES, RECAPITULATION

Adams.....	1	240				240		
Cass.....	3	1,528				1,528		
Fulton.....	146	258,234				251,429	6,805	
Hancock.....	3	2,225				2,225		
Knox.....	36	29,470				28,877	593	
McDonough.....	30	15,866				15,866		
Schuyler.....	26	21,652				21,562	90	
Warren.....	6	6,071				5,696	375	
Total....	251	335,286				327,423	7,863	

RECAPITULATION, ALL MINES

Adams.....	1	240				240		
Cass.....	3	1,528				1,528		
Fulton.....	160	1,633,925	846,196	523,258		254,110	9,606	755
Hancock.....	3	2,225				2,225		
Knox.....	37	133,667	4,073	78,888		48,793	1,367	546
McDonough.....	30	15,866				15,866		
Schuyler.....	26	21,652				21,562	90	
Warren.....	6	6,071				5,696	375	
Total....	266	1,815,174	850,269	602,146		350,020	11,438	1,301

BY COUNTIES, THIRD DISTRICT

Employees			Explosives used for blasting coal			Days of active operation	Number of mining machines used	Tons mined		Number of motors in use	Number of animals underground	Accidents	
Underground	On surface	Total	Kegs of powder	Pounds of dynamite	Pounds of permissible explosives			By hand	By machine			Killed	Injured
1, 198	249	1, 447	21, 932	35	800	135	55	136, 187	499, 421	18	107	2	78
105	15	120	7, 357	.....	16, 750	230	...	104, 197	.....	1	15	...	12
1, 303	264	1, 567	29, 289	35	17, 550	142	55	240, 384	499, 421	19	122	2	90

BY COUNTIES, THIRD DISTRICT

2	.....	2	10	.....	.....	163	.....	240	.....	.....	.....	.....	.....
7	2	9	227	.....	.....	118	.....	1, 528	.....	.....	.....	.....	.....
481	65	546	9, 964	.....	.....	111	6	132, 494	125, 740	.....	.....	1	8
17	2	19	.....	.....	.....	160	.....	2, 225	.....	.....	.....	.....	.....
105	16	121	1, 921	.....	.....	124	.....	29, 470	.....	.....	.....	.....	1
81	6	87	62	.....	.....	128	.....	15, 866	.....	.....	.....	.....	.....
82	13	95	1, 454	.....	.....	103	.....	21, 652	.....	.....	.....	.....	.....
20	5	25	392	.....	.....	151	.....	6, 071	.....	.....	.....	.....	.....
795	109	904	14, 030	.....	.....	116	6	209, 546	125, 740	.....	.....	1	9

BY COUNTIES, THIRD DISTRICT

2	.....	2	10	.....	.....	163	.....	240	.....	.....	.....	.....	.....
7	2	9	227	.....	.....	118	.....	1, 528	.....	.....	.....	.....	.....
1, 679	314	1, 993	31, 896	35	800	113	61	268, 681	625, 161	18	.....	3	86
17	2	19	.....	.....	.....	160	.....	2, 225	.....	.....	.....	.....	.....
210	31	241	9, 278	.....	16, 750	127	.....	133, 667	.....	1	.....	.....	13
81	6	87	62	.....	.....	128	.....	15, 866	.....	.....	.....	.....	.....
82	13	95	1, 454	.....	.....	103	.....	21, 652	.....	.....	.....	.....	.....
20	5	25	392	.....	.....	151	.....	6, 071	.....	.....	.....	.....	.....
2, 098	373	2, 471	43, 319	35	17, 550	118	61	449, 930	625, 161	19	122	3	99

FOURTH DISTRICT

*Hon. A. D. Lewis, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Fourth Inspection District, comprising the coal producing counties of Christian, Menard, Morgan, Pike, Sangamon and Scott, for the year ended December 31, 1927.

The following is a summary of the items shown in the report:

Number of counties producing coal.....	6
Number of shipping mines.....	25
Number of local mines.....	34
Number of employees underground.....	10,944
Number of employees on surface.....	765
Total number of employees.....	11,709
Total tons of coal produced.....	5,909,881
Days operated, shipping mines, average.....	111
Days operated, local mines, average.....	156
Number of fatal accidents.....	10
Number of non-fatal accidents.....	816
Number of employees to each fatal accident.....	1,171
Number of employees to each non-fatal accident.....	14
Tons of coal produced to each fatal accident.....	590,988
Tons of coal produced to each non-fatal accident.....	7,242
Ratio of fatal accidents per 1,000 employed.....	.86
Ratio of non-fatal accidents per 1,000 employed.....	69.70

CLOSED OR ABANDONED MINES

Peabody Coal Co. No. 54 mine, Auburn, was closed all the year.

CHANGE OF NAME

Spring Creek Coal Co., to Panther Creek Mines, Inc., No. 3.
West End Coal Co., to Panther Creek Mines, Inc., No. 4.

FATAL ACCIDENTS

January 10, Thomas McKeown, shot firer, age 41 years, single, was killed in Peabody Coal Company's No. 51 mine, as a result of firing shots not properly prepared.

January 18, James Edward Lewis, miner, age 45 years, was killed as a result of the explosion of an improperly prepared shot, in Fred Otken's mine. He leaves a widow and one child.

January 20, Elmer F. Powell, motorman, age 52 years, married, was killed in Central Illinois Coal Mining Company's mine. Deceased was sitting on front end of motor when the trip ran into loaded cars, knocking a car off the track, which knocked out a leg from under a cross bar, allowing it to fall, and strike him on the head.

February 12, James Hyslop, miner, age 34 years, married, was killed by a fall of coal in Peabody Coal Company's No. 58 mine. He leaves a widow and two children.

February 18, A. B. McCarthy, shot firer, age 56 years, married, was killed in Peabody Coal Company's No. 52 mine, by an explosion caused by a blown out shot. He leaves a widow.

April 7, Pete Calamacco, miner, age 36 years, married, employed in No. 1 mine, Panther Creek Mines, Inc., died as a result of injuries received March 30. Deceased struck himself on the nose with a pick while mining a shot; erysipelas developed with fatal results. He leaves a widow and three children.

April 25, William Buckles, laborer, age 33 years, married, was killed in Peabody Coal Company's No. 58 mine. Deceased was employed replacing guides in hoisting shaft and was on the cage when the rope came out of groove of sheave wheel, breaking the rope, and the safety catches failing to work properly, the cage fell down the shaft. He leaves a widow.

October 20, John R. Williamson, driver, age 29 years, married, was kicked by a mule in Sangamon Coal Company's mine, resulting in death in a few minutes. He leaves a widow and four children.

December 10, Samuel De Witt, miner, age 17 years, single, was killed in Greenvew Mining Company's mine. Deceased was working with his father as an apprentice, and was loading a car when caught by a fall of coal.

December 12, Frank Du Four, miner, age 29 years, married, was caught between motor and car and killed, in Panther Creek Mine No. 1. He leaves a widow and one child.

Respectfully submitted,

THOMAS HUNTER,
Inspector.

FATAL CASUALTIES, FOURTH DISTRICT, 1927.

Date	Name	Age	Occupation	Residence	Name of operator of mine	No. or letter of mine	Married	Single	Widow	Children	Dependents	Cause of death
Jan. 10	Thos. McKeown	41	Shot firer	Andrew	Peabody Coal Co.	51		✓				Shot explosion
Jan. 18	James B. Lewis	45	Miner	Tallula	Fred Orken		✓		✓	1	2	Shot explosion
Jan. 20	Elmer E. Powell	52	Motorman	Springfield	Cen. Ill. Coal Mining Co.		✓		✓		1	Pit cars
Feb. 17	James Hyslop	34	Miner	Stonington	Peabody Coal Co.	58	✓		✓	2	3	Falling coal
Feb. 18	A. B. McCarthy	56	Shot firer	Riverton	Peabody Coal Co.	52	✓		✓		1	Shot explosion
Apr. 7	Pete Calamacco	36	Miner	Auburn	Panther Creek Mines	1	✓		✓	3	4	Injury to nose, resulting in erysipelas
Apr. 25	Wm. Buckles	33	Laborer	Taylorville	Peabody Coal Co.	58	✓		✓		1	Falling cage
Oct. 20	J. R. Williamson	29	Driver	Springfield	Sangamon Coal Co.	2	✓		✓	4	5	Kicked by mule
Dec. 10	Samuel DeWitt	17	Miner	Mason City	Greenview Mining Co.	1	✓		✓			Falling slate
Dec. 12	Frank DuFour	24	Miner	Auburn	Panther Creek Mines	1	✓		✓	1	2	Motor

NON-FATAL ACCIDENTS, FOURTH DISTRICT.

Name of operator	Number injured	Time lost by men returned—days		Number injured	Occupation	Number injured	Time lost by men returned—days		Cause of injury	Number injured	Number not returned	Time lost by men returned—days	
		Total	Average				Total	Average				Total	Average
Assumption Coal Co.	23	406	18	18	Blacksmith	4	67	17	Cage	4	4	85	21
Brewerton Coal Co., No. 81	20	231	20	20	Cager	2	39	19	Roll of roof and sties	154	6	4,557	31
Buckley Coal Co.	20	366	18	18	Coupler	1	85	85	Fail of person	53	2	1,756	34
Central Ill. Coal Co.	18	457	28	35	Driver	8	870	32	Gas explosion	7		208	30
Chicago-Springfield C. Co.	9	224	25	2	Electrician	2	56	25	Haulage	109	10	3,695	37
Greenview M. Co.	5	95	24	2	Fireman and engineer	2	83	41	Lifting	156	5	4,037	27
Ill. Coal Corp., No. 1	6	71	24	7	Foreman	7	342	46	Machinery	7		334	48
New North Coal Co.	6	88	29	48	Laborer	48	952	20	Struck by objects	285	2	6,684	24
Pana Coal Co., No. 1	12	668	61	366	Loader	6	9,990	28	Miscellaneous	16	2	291	21
Pana Coal Co., No. 2	17	433	27	30	Machine man	1	758	28	Not stated	25	1	716	30
Panther Creek M., No. 1	43	724	15	214	Miner	11	5,721	28					
Panther Creek M., No. 3	12	269	22	10	Motorman	10	264	26					
Panther Creek M., No. 4	9	288	32	3	Spragger	3	121	40					
Peabody Coal Co., No. 6	27	777	28	14	Timberman	14	366	26					
Peabody Coal Co., No. 7	130	3,755	31	23	Trackman	23	555	20					
Peabody Coal Co., No. 8	118	3,633	30	1	Trapper	1	1,637	39					
Peabody Coal Co., No. 9	101	2,954	30	42	Trip rider	42	463	42					
Peabody Coal Co., No. 9	9	355	44	12	Miscellaneous	12							
Peabody Coal Co., No. 51	47	1,430	30										
Peabody Coal Co., No. 52	26	607	30										
Peabody Coal Co., No. 53	27	482	27										
Peabody Coal Co., No. 55	20	27	27										
Peabody Coal Co., No. 57	46	1,184	27										
Peabody Coal Co., No. 58	52	1,538	30										
Penwell Coal Co.	25	672	27										
Reynolds Coal Co.	1	9	9										
Sangamon Coal Co.	23	587	26										
Wineborg & Son.	2	60	30										
Total	816	22,363	28	816		816	22,363	28		816	28	22,363	28

CHRISTIAN COUNTY

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
SHIPPING MINES							
1	Peabody C. Co., No. 7	Kincaid	749,748	709,617	33,036		5,664
2	Peabody C. Co., No. 8	Tovey	721,645	633,213	81,047		6,064
3	Peabody C. Co., No. 9	Langleyville	428,509	394,860	32,398		499
4	Peabody C. Co., No. 58	Taylorville	427,787	43,665	343,769		36,051
5	Penwell C. M. Co.	Pana	177,145	146,049	963		20,770
6	Pana C. Co., No. 2	Pana	108,587	26,816	50,351	24,594	510
7	Pana C. Co., No. 1	Pana	45,670	9,069	5,427	4,349	21,940
8	Quality Coal Co.	Edinburg	25,882	8,705	3,779		11,573
9	Assumption C. Co.	Assumption	22,708	10,708			9,000
Total			2,707,681	1,982,702	550,770	28,943	112,071

MENARD COUNTY

LOCAL MINES						
1	Greenview M. Co.	Greenview	26, 414			26, 414
2	Johnson Valley Co.	Fancy Prairie	11, 500			9, 500
3	East View Coal Co.	Greenview	7, 567			6, 100
4	Perkins & Hughes	Athens	6, 690			6, 690
5	Klingbeil C. Co.	Petersburg	6, 104			6, 104
6	Chas. Whitehurst	Tallula	3, 906			3, 466
7	Sewell & Bell	Petersburg	3, 460			3, 210
8	J. W. Mallergen	Petersburg	3, 000			1, 500
9	Lincoln C. Co.	Petersburg	2, 969			2, 969
10	Jos. Amberger	Petersburg	2, 000			1, 835
11	Fred W. Otken	Tallula	1, 900			1, 900
12	Februgge Bros.	Petersburg	1, 795			1, 745
13	Mrs. Mary Passini	Petersburg	1, 569			1, 245
14	Bichem & Good	Petersburg	1, 375			1, 325
Total			80, 249			74, 003

MORGAN COUNTY

LOCAL MINES						
1	Spencer & Wagstaff	Murrayville	498			498
2	Lee Fisher	Murrayville	100			100
Total			598			598

FOURTH DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined		Number animals underground	Accidents		Number
Tons consumed or wasted at the mine	All coal not including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine		Killed	Injured	
530	901	820	141	12, 024			54	21		749, 748			130	1
320	1, 001	964	138				62	19		721, 645	4		118	2
150	602	830	70	6, 020	15, 250		46	21		428, 509			101	3
3, 860	442	798	115	21, 321					427, 787			2	5	4
3, 600	5, 763	356	92	1, 260		20, 000			170, 745	6, 400	17		25	5
5, 438	878	225	102	1, 282		850	1	2		108, 587	13		17	6
4, 885		104	107	447					45, 670		4		12	7
1, 825		41	183	1, 315		2, 225	1		25, 882				8	8
3, 000		67	230	10	1, 500		1		2, 250	20, 458			23	9
23, 603	9, 587	4, 205	131	43, 679	16, 750	23, 075	165	64	672, 334	2, 035, 347	38	2	478	

FOURTH DISTRICT

		35	175	1, 307			1			26, 414		1	5	1
2, 000		16	164	280			1			11, 500				2
1, 467		10	200	238			1			7, 567				3
		8	180	325			1			6, 690				4
		11	158	380			1			6, 104				5
440		7	181	220					3, 906					6
250		10	180	200			1			3, 460				7
1, 500		7	150	150					3, 000					8
		12	266	300					2, 969					9
165		7	160	72			1		300	1, 700				10
		6	300	210					1, 900			1		11
50		5	160	90					1, 795					12
324		10	205	96					1, 569					13
50		4	120	90					1, 375					14
6, 246		148	186	3, 958			7		16, 814	63, 435		2	5	

FOURTH DISTRICT

		4	150						498					1
		1	92						100					2
		5	121						598					

PIKE COUNTY

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
LOCAL MINES							
1	Dady & Woods.....	Barry.....	140.....				131

SANGAMON COUNTY

SHIPPING MINES							
1	Panther Creek Mines No. 1.	Auburn.	420,908	253,903	142,030		18,441
2	Buckley Coal Co.	Springfield.	304,808	194,473	98,726		5,981
3	Peabody C. Co., No. 55.	Springfield.	300,350	101,875	188,556		5,663
4	Peabody C. Co., No. 57.	Springfield.	279,617	166,466	46,027		64,006
5	Peabody C. Co., No. 53.	Springfield.	262,209	133,981	63,885		59,620
6	Peabody C. Co., No. 6.	Sherman.	254,502	233,858	18,370		419
7	Peabody C. Co., No. 52.	Riverton.	249,029	151,646	86,038		5,728
8	Central Ill. C. Co.	Springfield.	164,665	143,956	10,250		9,563
9	Sangamon C. Co.	Springfield.	162,626	117,488	35,797		5,808
10	Peabody C. Co., No. 51.	Springfield.	128,659	126,468			349
11	Brewerton C. Co., No. 81.	Springfield.	126,563	123,753	400		2,290
12	Ill. Coal Corp., No. 1.	Springfield.	113,141	78,972	29,509		2,131
13	New North C. M. Co.	Springfield.	94,795	54,085	8,900		30,488
14	Panther Creek M., No. 3.	Springfield.	65,135	58,244	5,329		
15	Chi. Springfield C. Co.	Springfield.	57,566	37,669	17,525		898
16	Panther Creek M., No. 4.	Springfield.	52,200	32,438	7,858		10,398
Total.			3,036,773	2,009,275	759,246		221,780
LOCAL MINES							
1	Panther Creek Mines No. 4.	Springfield.	32,746				32,086
2	Joseph Taylor C. Co.	Springfield.	25,287				23,586
3	Barr Coal Co.	Athens.	6,223				5,798
4	Frank & Chas. Howard.	Athens.	4,872				4,290
5	Klingbeil C. Co.	Pleasant Plains.	4,416				4,029
6	Reynolds C. Co.	Loami.	2,802				2,727
7	Miller Bros.	Pleasant Plains.	2,341				2,341
8	O. P. Wenneborg & Son.	New Berlin.	2,010				1,810
9	Tony Enders.	Farmingdale.	1,100				1,000
10	Scot Davis & Co.	Farmingdale.	497				415
11	Fisher Coal Co.	Cantrall.	450				417
Total.			82,744				78,499
Total 27 mines.			3,119,517	2,009,275	759,246		300,279

SCOTT COUNTY

LOCAL MINES							
1	John McGuire.	Alsey.	624				624
2	Chance & Williams.	Winchester.	296				296
3	W. O. Clarke.	Exeter.	260				260
4	James Jones.	Winchester.	240				240
5	Charles Taylor.	Exeter.	200				200
6	R. Dickens.	Chapin.	76				76
Total.			1,696				1,696

FOURTH DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined		Number animals underground	Accidents		Number
Tons consumed or wasted at the mine	All coal not including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine		Killed	Injured	
9		4	40	7					140					1

FOURTH DISTRICT

2,581	3,953	814	113	24,800			1	19	418,722	2,186	1	2	43	1
700	4,928	464	141	17,277				4	304,808		22		20	2
3,904	356	684	137	20,710				3	300,350		37		20	3
3,015	103	580	123	17,206				4	279,617		28		46	4
4,380	343	534	129	16,372				4	262,209		20		26	5
1,678	177	718	69	15,162				4	254,502		36		27	6
3,115	2,452	607	103	16,034				5	249,029		32	1	47	7
225	674	240	139	9,384					164,665				18	8
3,500	33	400	113	9,475		3,600		4	162,626		24	1	23	9
1,735	107	402	91	7,678			1	1	127,097	1,562	20	1	9	10
120		259	113	7,910				3	126,563		24		9	11
2,529		278	91	6,078				3	113,141		16		6	12
1,322		220	102	5,070				2	94,795		16		6	13
672	890	398	40	4,171				3	65,135		21		12	14
1,474		243	55	3,048				4	57,566		14		9	15
648	858	306	42	3,282					52,200					16
31,598	14,874	7,117	100	183,657		3,600	2	63	3,033,025	3,748	311	6	321	
660		79	128	2,061					32,746				9	1
1,701		70	90	1,384					25,287					2
425		12	228	425					6,223					3
582		10	291	375					4,872					4
387		12	258	260					4,416					5
75		10	150	193					2,802				1	6
		4	180	110					2,341					7
200		6	200	130					2,010				2	8
100		5	110	83					1,100					9
35		3	80	25					497					10
80		4	80	80					450					11
4,245		215	163	5,126					82,744					12
35,843	14,874	7,332	126	188,783		3,600	2	63	3,115,769	3,748	311	6	333	

FOURTH DISTRICT

		3	130	15					624					1
		4	90	37					296					2
		2	140						260					3
		3	100						240					4
		2	90						200					5
		1	76						76					6
		15	104	52					1,696					

SHIPPING MINES, RECAPITULATION

County	Number of mines	Total	Disposition of output—tons					All coal not sold June 30, in- cluding waste
			Loaded on cars for shipment	Sold to railroad companies	Supplied to locomotives	Sold to local trade	Used at the mines	
Christian . . .	9	2,707,681	1,982,702	550,770	28,943	112,071	23,608	9,587
Sangamon . . .	16	3,036,773	2,009,275	759,246	.....	221,780	31,598	14,874
Total . . .	25	5,744,454	3,991,977	1,310,016	28,943	333,851	55,206	24,461

LOCAL MINES, RECAPITULATION

Menard	14	80,249	.....	.....	.....	74,003	6,246	.....
Morgan	2	598	.....	.....	.....	598	.....	.....
Sangamon	11	82,744	.....	.....	.....	78,499	4,245	.....
Pike	1	140	.....	.....	.....	131	9	.....
Scott	6	1,696	.....	.....	.....	1,696	.....	.....
Total	34	165,427	.....	.....	.....	154,927	10,500	.....

RECAPITULATION, ALL MINES

Christian	9	2,707,681	1,982,702	550,770	28,943	112,071	23,608	9,587
Menard	14	80,249	.....	.....	.....	74,003	6,246	.....
Morgan	2	598	.....	.....	.....	598	.....	.....
Sangamon	27	3,119,517	2,009,275	759,246	.....	300,279	35,843	14,874
Pike	1	140	.....	.....	.....	131	9	.....
Scott	6	1,696	.....	.....	.....	1,696	.....	.....
Total	59	5,909,881	3,991,977	1,310,016	28,943	488,778	65,706	24,461

BY COUNTIES, FOURTH DISTRICT

Employees			Explosives used for blasting coal			Days of active operation	Number of mining machines used	Tons mined		Number of motors in use	Number of animals underground	Accidents	
Underground	On surface	Total	Kegs of powder	Pounds of dynamite	Pounds of permissible explosives			By hand	By machine			Killed	Injured
3,893	312	4,205	43,679	16,750	23,075	131	165	672,334	2,035,347	64	38	2	478
6,727	390	7,117	183,657	.....	3,600	100	2	3,033,025	3,748	63	311	6	321
10,620	702	11,322	227,336	16,750	26,675	111	167	3,705,359	2,039,095	127	349	8	799

BY COUNTIES, FOURTH DISTRICT

119	29	148	3,598	.....	.....	186	7	16,814	63,435	.....	.....	2	5
4	1	5	.....	.....	.....	121	.....	598	.....	.....	.....	.....	.....
185	30	215	5,126	.....	.....	163	.....	82,744	.....	.....	.....	.....	12
3	1	4	.....	.....	.....	40	.....	140	.....	.....	.....	.....	.....
13	2	15	52	.....	.....	104	.....	1,696	.....	.....	.....	.....	.....
324	63	387	8,783	.....	.....	156	7	101,992	63,435	.....	.....	2	17

BY COUNTIES, FOURTH DISTRICT

3,893	312	4,205	43,679	16,750	23,075	131	165	672,334	2,035,347	64	38	2	478
119	29	148	3,598	.....	.....	186	7	16,814	63,435	.....	.....	2	5
4	1	5	.....	.....	.....	121	.....	598	.....	.....	.....	.....	.....
6,912	420	7,332	188,783	.....	3,600	126	2	3,115,769	3,748	63	311	6	333
3	1	4	.....	.....	.....	40	.....	140	.....	.....	.....	.....	.....
13	2	15	52	.....	.....	104	.....	1,696	.....	.....	.....	.....	.....
10,944	765	11,709	236,119	16,750	26,675	137	174	3,807,351	2,102,530	127	349	10	816

FIFTH DISTRICT

*Hon. A. D. Lewis, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Fifth Inspection District, comprising the coal producing counties of Edgar, Macon and Vermilion, for the year ended December 31, 1927.

The following is a summary of the items shown in the report:

Number of counties producing coal.....	3
Number of shipping mines.....	10
Number of local mines.....	69
Number of employees underground.....	2,941
Number of employees on surface.....	462
Total number of employees.....	3,403
Total tons of coal produced.....	2,889,699
Days operated, shipping mines, average.....	142
Days operated, local mines, average.....	108
Number of fatal accidents.....	4
Number of non-fatal accidents.....	279
Number of employees to each fatal accident.....	851
Number of employees to each non-fatal accident.....	12
Tons of coal produced to each fatal accident.....	722,425
Tons of coal produced to each non-fatal accident.....	10,357
Ratio of fatal accidents per 1,000 employed.....	1.36
Ratio of non-fatal accidents per 1,000 employed.....	94.87

NEW MINES

Twin States Mining Company has opened a new strip mine a few miles east of Paris, Edgar County.

United Electric Coal Company has put in operation another strip mine near Danville, and is known as No. 14.

Peabody Coal Company re-opened No. 24 mine, which had been closed for some time.

CLOSED AND ABANDONED MINES

Macon County Coal Company's No. 2 mine.

United Electric Coal Company's Nos. 4 and 5.

Yankee Branch Coal Company's Mine.

FATAL ACCIDENTS

January 20, Paul Evans, driver, age 27 years, married, was killed by falling rock, in United States Fuel Company's Bunsen mine. He leaves a widow.

February 18, Frank Milouskas, miner, age 55 years, single, was killed in United States Fuel Company's Bunsen mine, by a fall of rock.

May 4, Charles Martin, Sr., miner, age 52 years, married, and Charles Martin, Jr., miner, age 22 years, single, were overcome by fumes from a gasoline motor, and died from its effects, in Pearson Coal Company's mine. Charles Martin, Sr., leaves a widow and one child.

Respectfully submitted,

MARK ORD,
Inspector.

FATAL CASUALTIES, FIFTH DISTRICT, 1927.

Date	Name	Age	Occupation	Residence	Name of operator of mine	No. or letter of mine	Married	Single	Widow	Children	Dependents	Cause of death
Jan. 20	Paul Evans	27	Driver	Georgetown	U. S. Fuel Co.	Bun	✓	✓	✓	✓	1	1 Falling rock
Feb. 18	Frank Milouskas	55	Miner	Westville	U. S. Fuel Co.	Bun	✓	✓	✓	✓	1	1 Falling Rock
May 4	Charles Martin	52	Miner	Oakwood	Pearson Coal Co.	.....	✓	✓	✓	✓	2	2 Suffocated by fumes from gasoline engine
May 4	Charles Martin, Jr.	22	Miner	Oakwood	Pearson Coal Co.	.....	.....	✓	.....	.....	.....	Suffocated by fumes from gasoline engine

NON-FATAL ACCIDENTS, FIFTH DISTRICT.

Name of operator	Number injured	Number not returned	Time lost by men returned—days		Occupation	Number injured	Number not returned	Time lost by men returned—days		Cause of injury	Number injured	Number not returned	Time lost by men returned—days	
			Total	Average				Total	Average				Total	Average
Central Coal Co.	1	...	48	48	Blacksmith.	38	1	866	12	12 Fall of roof and sides.	90	13	2,785	36
Contract Coal Co., No. 1.	2	...	40	20	Cager.	2	...	48	48	24 Fall of person.	17	...	424	25
Contract Coal Co., No. 2.	7	...	460	66	Coupler.	2	...	33	33	16 Haulage.	41	6	1,413	40
Contract Coal Co., No. 3.	2	...	45	22	Driver.	15	2	474	31	36 Lifting.	27	1	642	25
Hegeler Zinc Co.	17	2	418	28	Fireman.	2	...	85	85	43 Machinery.	5	1	200	50
L. & C. Coal Co.	2	...	64	32	Foreman.	1	...	30	30	30 Powder.	1	1	...	...
Macomb Coal Co.	49	5	1,084	22	Laborer.	38	1	866	12	23 Struck by objects.	88	3	2,296	27
O'Brien & Kygel.	4	...	87	22	Loader.	40	5	1,082	18	31 Miscellaneous.	8	...	168	21
Peabody Coal Co., No. 24.	3	...	38	13	Machine man.	15	3	437	29	36 Not stated.	2	...	62	31
Skelton, A. H.	1	...	54	54	Miner.	137	11	4,238	34					
Taylor English C. Co.	6	...	225	37	Motorman.	4	2	36	18					
United Elec. C. Co., No. 1.	18	...	478	27	Trackman.	2	...	69	35					
United Elec. C. Co., No. 12.	4	...	81	20	Timberman.	4	1	75	25					
U. S. Fuel Co., Bun.	118	13	3,539	34	Trip rider.	8	...	326	41					
U. S. Fuel Co., Verm.	45	5	1,329	33	Miscellaneous.	8	...	179	22					
Total	279	25	7,990	31		279	25	7,990	31		279	25	7,990	31

EDGAR COUNTY

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
SHIPPING MINES							
1	Twin States M. Co.	Paris.	16, 881	15, 631	1, 250		
LOCAL MINES							
1	Edgar Co. C. Co.	Paris.	2, 833				2, 733
2	Carsington & Co.	Chrisman	83				83
	Total.		2, 916				2, 816
	Total 3 mines.		19, 797	15, 631	1, 250		2, 816

MACON COUNTY

SHIPPING MINES							
1	Macon Co. C. Co.	Decatur.....	128, 220	12, 436			113, 074

VERMILION COUNTY

SHIPPING MINES							
1	U. S. Fuel Co., Bun.....	Georgetown.....	1, 296, 163	916, 699	369, 201		9, 183
2	U. S. Fuel Co., Verm.....	Georgetown.....	588, 900	451, 801	123, 068		9, 833
3	United Elec. C. Co., No. 1...	Danville.....	349, 136	173, 904	127, 966		8, 591
4	United Elec. C. Co., No. 12...	Danville.....	152, 339	88, 797	47, 123		
5	Peabody C. Co., No. 24.....	Danville.....	7, 083		6, 351		71
6	Macomb C. Co.....	Danville.....	6, 575	2, 182			4, 363
7	Taylor-English C. Co.....	Catlin.....	47, 424	6, 953	37, 000		3, 471
8	United Elec. C. Co., No. 14...	Danville.....	2, 852	2, 852			
	Total.....		2, 450, 472	1, 643, 188	710, 709		35, 512
LOCAL MINES							
1	Hegeler Zinc Co.	Danville.....	99, 919				99, 919
2	Contract Coal Co., No. 2.....	Danville.....	52, 564				52, 564
3	Contract Coal Co., No. 3.....	Danville.....	16, 047				16, 047
4	L. & C. Coal Co.....	Danville.....	13, 793				13, 793
5	Central Coal Co.....	Danville.....	13, 407				13, 407
6	M. & B. Coal Co.....	Danville.....	13, 250				12, 950
7	O'Brien & Kyger.....	Westville.....	12, 298				12, 240
8	Meeker & Martin.....	Danville.....	11, 000				11, 000
9	Contract C. Co., No. 1.....	Danville.....	8, 268				8, 268
10	A. H. Shelton.....	Danville.....	5, 000				5, 000
11	Shaffer Bros., No. 4.....	Danville.....	4, 933				4, 883
12	L. Balducchi.....	Fairmount.....	4, 159				4, 000
13	A. Lete.....	Danville.....	4, 121				4, 121
14	Persy Bales.....	Danville.....	4, 000				3, 970
15	John Larson.....	Grape Creek.....	1, 994				1, 994
16	Contract C. Co., No. 4.....	Danville.....	1, 800				1, 809
17	O. R. Trudricker.....	Danville.....	1, 800				1, 800
18	Schafer Bros., No. 5.....	Danville.....	1, 748				1, 748

FIFTH DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined		Number animals underground	Accidents		Number
Tons consumed or wasted at the mine	All coal not sold including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine		Killed	Injured	
.....	25	56	.....	600	.....	.....	.....	Strip	.....	.....	.....	.....	1
100	14	74	.....	250	.....	.....	.....	2,833	.....	.....	.....	.....	1
.....	3	19	.....	4	.....	.....	.....	83	.....	.....	.....	.....	2
100	17	46	254	2,916
100	42	150	854	2,916

FIFTH DISTRICT

2,710	286	160	500	9	2	128,220	30	1
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FIFTH DISTRICT

1,080	1,074	234	7,610	174,375	23	15	153,869	1,142,294	35	2	118	1
4,198	898	133	7,052	3,375	26	9	55,393	533,507	42	45	2
14,539	24,136	162	246	1,625	1,731	.....	.....	.....	Strip	.....	.....	.....	18	3
8,130	8,289	56	177	558	.....	.....	.....	.....	Strip	.....	.....	.....	4	4
661	.....	333	14	212	.....	.....	8	3	540	6,543	22	.....	3	5
30	.....	19	177	325	.....	.....	.....	.....	6,575	.....	.....	.....	49	6
.....	.....	70	177	1,999	.....	.....	.....	.....	47,424	.....	6	.....	6	7
.....	.....	19	49	95	.....	.....	1	.....	.....	2,852	2	.....	.....	8
28,638	32,425	2,631	151	19,476	179,481	.....	68	27	263,801	1,685,196	107	2	243	.....
.....
.....	.....	104	203	1,322	11,925	.....	3	.....	17,608	82,311	.....	.....	17	1
.....	.....	77	165	1,085	.....	.....	2	.....	9,776	42,788	.....	.....	7	2
.....	.....	21	176	467	.....	.....	.....	.....	16,047	.....	.....	.....	2	3
.....	.....	10	294	190	.....	.....	2	.....	.....	13,793	.....	.....	2	4
.....	.....	15	192	600	.....	.....	.....	.....	13,407	.....	.....	.....	1	5
300	.....	16	190	275	.....	.....	1	.....	.....	13,250	.....	.....	.....	6
58	.....	12	275	825	.....	.....	.....	.....	12,298	.....	.....	.....	4	7
.....	.....	10	260	350	.....	.....	1	.....	.....	11,000	.....	.....	.....	8
.....	.....	15	260	.....	.....	.....	.....	.....	8,268	.....	.....	.....	2	9
.....	.....	3	200	150	.....	.....	.....	.....	5,000	.....	.....	.....	1	10
.....	.....	6	165	227	.....	.....	.....	.....	4,933	.....	.....	.....	.....	11
50	.....	7	148	226	.....	.....	.....	.....	4,159	.....	.....	.....	.....	12
159	.....	5	250	41	.....	.....	.....	.....	4,121	.....	.....	.....	.....	13
30	.....	7	200	200	.....	.....	.....	.....	4,000	.....	.....	.....	.....	14
.....	.....	4	175	205	.....	.....	.....	.....	1,994	.....	.....	.....	.....	15
.....	.....	6	28	15	.....	.....	.....	.....	1,809	.....	.....	.....	.....	16
.....	.....	4	208	75	.....	.....	.....	.....	1,800	.....	.....	.....	.....	17
.....	.....	6	103	135	.....	.....	.....	.....	1,748	.....	.....	.....	.....	18

VERMILION COUNTY—concluded

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
19	Hont & Ritter.....	Danville.....	1,500				1,500
20	Elliot Bros.....	Danville.....	1,353				1,353
21	Sam H. Lunor.....	Danville.....	1,200				1,200
22	Alfred Nelson.....	Danville.....	1,050				1,050
23	Frank Woodard.....	Oakwood.....	1,000				900
24	Schrayner & Co.....	Catlin.....	1,000				700
25	Daugherty & Son.....	Danville.....	905				905
26	Frank Woodard.....	Oakwood.....	900				800
27	Ed. Hible.....	Danville.....	900				900
28	Bale & Farland.....	Danville.....	890				790
29	Spicer & Farrel.....	Grape Creek.....	875				875
30	Willard Ramey.....	Georgetown.....	800				800
31	R. S. Wyatt.....	Danville.....	800				800
32	B. A. Cook.....	Georgetown.....	600				600
33	J. W. Bryant.....	Grape Creek.....	600				600
34	J. M. Johnson.....	Grape Creek.....	600				600
35	R. C. Wilson.....	Danville.....	500				500
36	L. Daugherty & Son.....	Danville.....	437				437
37	McClure & Sullivan.....	Danville.....	350				350
38	Spickard & Son.....	Grape Creek.....	335				335
39	Ray & Johnson.....	Catlin.....	320				320
40	A. Wilson.....	Danville.....	300				300
41	Morgan, Meeks & Hawkins.....	Georgetown.....	300				300
42	Brayeton & McCool.....	Georgetown.....	300				300
43	Art Taylor.....	Danville.....	250				250
44	Coubert Bros.....	Danville.....	201				201
45	Henry Stame.....	Danville.....	200				200
46	Jumps & Jumps.....	Grape Creek.....	200				200
47	Ashby C. Co.....	Grape Creek.....	200				200
48	Alex Kedas.....	Grape Creek.....	200				200
49	A. Wilson.....	Danville.....	200				200
50	Wm. Farnum.....	Catlin.....	200				200
51	Pearson Coal Co.....	Catlin.....	160				160
52	Woolwine C. Co.....	Danville.....	150				150
53	Short C. Co.....	Georgetown.....	150				150
54	August Lind.....	Danville.....	150				150
55	Chas. Shull.....	Danville.....	150				150
56	Sumner Bates.....	Danville.....	150				150
57	Johnson & Carroll.....	Danville.....	102				102
58	Raleigh Poole.....	Georgetown.....	100				100
59	York & Taylor.....	Danville.....	97				97
60	Smith Bros.....	Danville.....	83				83
61	Jones & Cunningham.....	Danville.....	75				75
62	Chas. Glaspy.....	Danville.....	60				60
63	Syrus Proctor.....	Danville.....	50				50
64	Fred Grimes.....	Danville.....	50				50
65	Kadis Coal Co.....	Danville.....	47				47
66	Edward Hawkins.....	Georgetown.....	30				30
67	E. G. Stull.....	Grape Creek.....	30				30
Total.....			291,210				290,013
Total 75 mines.....			2,741,682	1,643,188	710,709		325,525

FIFTH DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines— number in use	Motors—number in use	Tons mined		Number animals underground	Acci- dents	
Tons consumed or wasted at the mine	All coal not sold including loss			Powder— kegs	Dynamite— pounds	Permissibles— pounds			By hand	By machine		Killed	Injured
.....	2	300	30	.....	.....	.....	.....	1,500	.....	.....	.....	19
.....	2	282	63	.....	.....	.....	.....	1,353	.....	.....	.....	20
.....	4	56	21	.....	.....	.....	.....	1,200	.....	.....	.....	21
.....	2	160	.....	.....	.....	.....	.....	1,050	.....	.....	.....	22
100	3	150	50	.....	.....	.....	.....	1,000	.....	.....	.....	23
300	5	152	.....	.....	.....	.....	.....	1,000	.....	.....	.....	24
.....	2	72	20	.....	.....	.....	.....	905	.....	.....	.....	25
100	3	150	50	.....	.....	.....	.....	900	.....	.....	.....	26
.....	2	200	50	.....	.....	.....	.....	900	.....	.....	.....	27
100	2	132	55	.....	.....	.....	.....	890	.....	.....	.....	28
.....	3	150	99	.....	.....	.....	.....	875	.....	.....	.....	29
.....	2	120	.....	.....	.....	.....	.....	800	.....	.....	.....	30
.....	2	160	65	.....	.....	.....	.....	800	.....	.....	.....	31
.....	3	32	.....	.....	.....	.....	.....	600	.....	.....	.....	32
.....	3	30	35	.....	.....	.....	.....	600	.....	.....	.....	33
.....	2	156	20	.....	.....	.....	.....	600	.....	.....	.....	34
.....	1	150	16	.....	.....	.....	.....	500	.....	.....	.....	35
.....	2	53	15	.....	.....	.....	.....	437	.....	.....	.....	36
.....	3	90	25	.....	.....	.....	.....	350	.....	.....	.....	37
.....	2	48	.....	.....	.....	.....	.....	335	.....	.....	.....	38
.....	2	80	30	.....	.....	.....	.....	320	.....	.....	.....	39
.....	2	60	5	.....	.....	.....	.....	300	.....	.....	.....	40
.....	3	30	.....	.....	.....	.....	.....	300	.....	.....	.....	41
.....	3	40	.....	.....	.....	.....	.....	300	.....	.....	.....	42
.....	2	92	10	.....	.....	.....	.....	250	.....	.....	.....	43
.....	5	30	15	.....	.....	.....	.....	201	.....	.....	.....	44
.....	1	53	7	.....	.....	.....	.....	200	.....	.....	.....	45
.....	3	20	15	.....	.....	.....	.....	200	.....	.....	.....	46
.....	7	20	10	.....	.....	.....	.....	200	.....	.....	.....	47
.....	2	33	20	.....	.....	.....	.....	200	.....	.....	.....	48
.....	2	90	7	.....	.....	.....	.....	200	.....	.....	.....	49
.....	1	67	8	.....	.....	.....	.....	200	.....	.....	.....	50
.....	3	40	7	.....	.....	.....	.....	160	.....	.....	2	51
.....	2	21	8	.....	.....	.....	.....	150	.....	.....	.....	52
.....	3	42	.....	.....	.....	.....	.....	150	.....	.....	.....	53
.....	2	120	15	.....	.....	.....	.....	150	.....	.....	.....	54
.....	3	120	15	.....	.....	.....	.....	150	.....	.....	.....	55
.....	2	31	.....	.....	.....	.....	.....	150	.....	.....	.....	56
.....	2	50	7	.....	.....	.....	.....	102	.....	.....	.....	57
.....	2	15	.....	.....	.....	.....	.....	100	.....	.....	.....	58
.....	2	20	4	.....	.....	.....	.....	97	.....	.....	.....	59
.....	1	12	3	.....	.....	.....	.....	83	.....	.....	.....	60
.....	2	60	4	.....	.....	.....	.....	75	.....	.....	.....	61
.....	2	22	3	.....	.....	.....	.....	60	.....	.....	.....	62
.....	1	15	2	.....	.....	.....	.....	50	.....	.....	.....	63
.....	1	30	5	.....	.....	.....	.....	50	.....	.....	.....	64
.....	3	21	3	.....	.....	.....	.....	47	.....	.....	.....	65
.....	1	8	.....	.....	.....	.....	.....	30	.....	.....	.....	66
.....	1	5	3	.....	.....	.....	.....	30	.....	.....	.....	67
1,197	444	110	7,208	.....	11,925	9	.....	128,068	163,142	.....	2	36
29,835	32,425	3,075	115	26,684	.....	191,406	77	27	391,869	1,848,338	107	4	279

SHIPPING MINES, RECAPITULATION

County	Number of mines	Total	Disposition of output—tons					
			Loaded on cars for shipment	Sold to railroad companies	Supplied to locomotives	Sold to local trade	Used at the mines	All coal not sold June 30, including waste
Edgar.....	1	16,881	15,631	1,250	.....	.....	.....	.....
Macon.....	1	128,220	12,436	.....	.....	113,074	2,710	.....
Vermilion....	8	2,450,472	1,643,188	710,709	.....	35,512	28,638	32,425
Total....	10	2,595,573	1,671,255	711,959	.....	148,586	31,348	32,425

LOCAL MINES, RECAPITULATION

Edgar.....	2	2,916	.....	.....	.....	2,816	100	.....
Vermilion....	67	291,210	.....	.....	.....	290,013	1,197	.....
Total....	69	294,126	.....	.....	.....	292,829	1,297	.....

RECAPITULATION, ALL MINES

Edgar.....	3	19,797	15,631	1,250	.....	2,816	100	.....
Macon.....	1	128,220	12,436	.....	.....	113,074	2,710	.....
Vermilion....	75	2,741,682	1,643,188	710,709	.....	325,525	29,835	32,425
Total....	79	2,889,699	1,671,255	711,959	.....	441,415	32,645	32,425

BY COUNTIES, FIFTH DISTRICT

Employees			Explosives used for blasting coal			Days of active operation	Number of mining machines used	Tons mined		Number of motors in use	Number of animals underground	Accidents	
Underground	On surface	Total	Kegs of powder	Pounds of dynamite	Pounds of permissible explosives			By hand	By machine			Killed	Injured
260	25	286		600		56							
2,266	365	2,631	19,476	500	179,481	160	9		128,220	2	30		
						151	68	263,801	1,685,196	27	107	2	243
2,526	416	2,942	19,476	1,100	179,481	142	77	263,801	1,813,416	29	137	2	243

BY COUNTIES, FIFTH DISTRICT

16	1	17		254		46		2,916					
399	45	444	7,208		11,925	110	9	128,068	163,142			2	36
415	46	461	7,208	254	11,925	108	9	130,984	163,142			2	36

BY COUNTIES, FIFTH DISTRICT

16	26	42		854		50		2,916					
260	26	286		500		160	9		128,220	2	30		
2,665	410	3,075	26,684		191,406	115	77	391,869	1,848,338	27	107	4	279
2,941	462	3,403	26,684	1,354	191,406	113	86	394,785	1,976,558	29	137	4	279

SIXTH DISTRICT

*Hon. A. D. Lewis, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Sixth Inspection District, comprising the coal producing counties of Greene, Jersey, Macoupin, Montgomery and Shelby, for the year ended December 31, 1927.

The following is a summary of the items shown in the report:

Number of counties producing coal.....	5
Number of shipping mines.....	13
Number of local mines.....	16
Number of employees underground.....	6,434
Number of employees on surface.....	447
Total number of employees.....	6,881
Total tons of coal produced.....	4,389,348
Days operated, shipping mines, average.....	115
Days operated, local mines, average.....	136
Number of fatal accidents.....	9
Number of non-fatal accidents.....	449
Number of employees to each fatal accident.....	765
Number of employees to each non-fatal accident.....	15
Tons of coal produced to each fatal accident.....	487,705
Tons of coal produced to each non-fatal accident.....	9,776
Ratio of fatal accidents per 1,000 employed.....	1.38
Ratio of non-fatal accidents per 1,000 employed.....	65.25

FATAL ACCIDENTS

January 4, L. W. Rassler, miner, age 58 years, married, was killed in Indiana and Illinois Coal Corporation's No. 10 mine, by a fall of coal. He leaves a widow and two children.

January 5, George Bohlman, machine runner, age 49 years, married, died from injuries received the day before by a fall of coal in Gillespie Coal Company's mine. He leaves a widow and one child.

February 22, Mike Holesko, miner, age 60 years, married, was killed by a fall of coal in Gillespie Coal Company's mine. He leaves a widow.

March 7, Joseph Mason, miner, age 40 years, conjugal relations not known, was killed by falling coal, in Indiana and Illinois Coal Company's mine.

March 16, Friola Olivia, miner, age 27 years, single, was killed by a fall of rock in Consolidated Coal Company's No. 7 mine.

March 17, Dale Eccles, machine helper, age 23 years, single, was killed in Cosgrove-Meehan Coal Company's No. 5 mine, by a fall of rock.

March 21, Patrick Rouen, trapper, age 64 years, single, died from injuries to the spine caused by lifting a car, in Hillsboro Coal Company's mine, December 5, 1926.

August 7, Oren Lowder, miner, age 32 years, married, fell down the air shaft in Lowder and Falsetti's mine and was killed. He leaves a widow and three children.

December 21, Roman Mark, miner, age 38 years, married, was killed in Cosgrove-Meehan Coal Company's No. 5 mine. Deceased in some way not known, set off 42 sticks of permissible explosive and was literally blown to pieces, only small portions of the body being found. Other men were working in that section of the mine, but none were injured. He leaves a widow and four children.

Respectfully submitted,

JOHN G. MILLHOUSE,
Inspector.

FATAL CASUALTIES, SIXTH DISTRICT, 1927.

Date	Name	Age	Occupation	Residence	Name of operator of mine	No. or letter of mine	Married	Single	Widow	Children	Dependents	Cause of death
Jan. 4	L. W. Rassler	58	Miner	Pana	Ind. & Ill. Coal Corp.	10	✓	✓	✓	2	3	Falling coal
Jan. 5	George Bohlman	49	Machine man	Gillespie	Gillespie Coal Co.		✓	✓	✓	1	2	Falling coal
Feb. 22	Mike Holesko	60	Miner	Gillespie	Gillespie Coal Co.		✓	✓	✓	✓	1	Falling coal
Mar. 7	Joseph Mason	40	Miner	Nokomis	Ind. & Ill. Coal Corp.	10	✓	✓	✓	✓	✓	Falling coal
Mar. 16	Enola Olivia	27	Miner	Staunton	Consolidated Coal Co.	7	✓	✓	✓	✓	✓	Falling rock
Mar. 17	Dale Eccles	23	Machine man	Panama	Cosgrove-Meehan C. Co.	5	✓	✓	✓	✓	✓	Falling coal
Mar. 21	Patrick Rouen	64	Trapper	Litchfield	Hillsboro Coal Co.		✓	✓	✓	✓	✓	Pit car
Aug. 7	Oren Lowder	32	Miner	Chesterfield	Wilson Coal Co.		✓	✓	✓	✓	✓	Fell down shaft
Dec. 21	Roman Mark	38	Miner	Panama	Cosgrove-Meehan Coal Co.	5	✓	✓	✓	✓	4	Explosion of permissible powder

NON-FATAL ACCIDENTS, SIXTH DISTRICT.

Name of operator	Number injured	Number not returned	Time lost by men returned—days		Occupation	Number injured	Number not returned	Time lost by men returned—days		Cause of injury	Number injured	Number not returned	Time lost by men returned—days	
			Total	Average				Total	Average				Total	Average
Consolidated C. Co., No. 7	39	4	916		26 Blacksmith	2	1	32		32 Fall of roof and sides	57	3	1,862	34
Consolidated C. Co., No. 15	80	16	3,432		54 Cager	4		268		67 Fall of person	25	2	669	29
Cosgrove-Meehan C. Co., No. 5	18		311		17 Carpenter	3		107		36 Haulage	47	3	1,407	41
Gillespie Coal Co.	13	1	352		29 Coupler	2		44		22 Lifting	61	8	1,240	23
Hillshoro Coal Co.	13	7	138		23 Driver	19	2	717		42 Machinery	6		197	33
Ind. & Ill. C. Co., No. 10	37	15	718		33 Electrician	3	1	27		14 Struck by objects	104	7	2,100	22
Madison Coal Corp., No. 2	12		296		25 Fireman	1		11		11 Miscellaneous	12		304	25
Moweanua Coal Co.	12		257		21 Foreman	1		43		43 Not stated	137	22	4,751	41
Superior Coal Co., No. 1	38	2	804		27 Laborer	32	1	862						
Superior Coal Co., No. 2	60		1,624		24 Loader	287	27	8,398						
Superior Coal Co., No. 3	64		1,556		24 Machine man	27	3	613						
Superior Coal Co., No. 4	63		2,126		34 Miner	12	5	121						
					Motorman	8	1	328						
					Timberman	9		166						
					Trackman	13		254						
					Trip rider	22	2	493						
					Miscellaneous	4	1	46						
Total	449	45	12,530	31		449	45	12,530	31		449	45	12,530	31

GREEN COUNTY

Number	Name of operator	Postoffice address the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
LOCAL MINES							
1	Greenfield Coal Co.	Greenfield.	4, 221				3, 621
2	A. N. Poli.	Greenfield.	1, 000				800
3	Ray Hopper.	Roodhouse.	760				760
4	J. T. Adkins.	Roodhouse.	509				509
5	Frank Hopper.	Roodhouse.	312				304
6	John Harbough.	Roodhouse.	145				145
Total.			6, 947				6, 139

JERSEY COUNTY

LOCAL MINES							
1	H. M. Bell & Co.	Brighton.	600				600

MACOUPIN COUNTY

SHIPPING MINES							
1	Consolidated C. Co., No. 15.	Mt. Olive.	598, 703	✓ 343, 096	227, 055		1, 865
2	Superior Coal Co., No. 3.	Gillespie.	588, 052	✓	574, 561		4, 981
3	Superior Coal Co., No. 4.	Gillespie.	523, 866	✓	511, 453		2, 749
4	Superior Coal Co., No. 2.	Gillespie.	484, 046	✓	466, 986		9, 911
5	Superior Coal Co., No. 1.	Gillespie.	409, 075	✓	396, 712		3, 357
6	Consolidated C. Co., No. 7.	Staunton.	318, 103	✓ 149, 275	166, 282		
7	Gillespie C. Co.	Gillespie.	183, 479	✓ 178, 891			4, 498
8	Madison Coal Corp., No. 5.	Mt. Olive.	173, 339	✓ 178	152, 622	11, 354	2, 217
9	South Mine C. Co.	Carlinville.	19, 247	✓ 5, 452			13, 220
Total.			3, 297, 910	676, 892	2, 495, 671	11, 354	42, 798
LOCAL MINES							
1	Ed. A. Bauser.	Bunker Hill.	7, 169				7, 169
2	Wilson Coal Co.	Chesterfield.	974				974
3	John Compton.	Chesterfield.	300				300
4	Witt Coal Co.	Greenfield.	143				143
Total.			8, 586				8, 586
Total 13 mines.			3, 306, 496	676, 892	2, 495, 671	11, 354	51, 384

SIXTH DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined		Number animals underground	Accidents	
Tons consumed or wasted at the mine	All coal not sold including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine		Killed	Injured
600	200	11	109	250					4,221				
		8	120	40					1,000				
		5	229	12					60				
		2	170	20					509				
8		4	100	15					312				
		1	60	8					145				
808		31	131	345					6,947				

SIXTH DISTRICT

		5	100	1					600				1
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SIXTH DISTRICT

26,687	751	121	✓ 3,909			24	14		598,703	29		80	1
8,510	680	119	✓ 3,507			23	21		588,052	3		64	2
9,664	909	85	✓ 3,248			35	22		523,866	2		63	3
7,149	679	113	✓ 3,256			30	10		484,046	21		60	4
9,006	545	110	✓ 3,127			22	11		409,075	13		38	5
2,546	737	73	✓ 1,049		8,250	24	16		318,103	20	1	39	6
90	225	128	✓ 1,508			8	1		183,479	16	2	13	7
6,968	292	122	✓ 1,036			22	5		173,339	19		12	8
575	25	185	✓ 262			1			19,247	3			9
71,195	4,843	117	20,902		8,250	189	100		3,297,910	126	3	369	
	13	201	54			1			7,169				1
	5	120	85						974		1		2
	3	50	35						300				3
	2	50	10						143				4
	23	105	184			1			1,417	7,169	1		
71,195	4,866	114	21,086		8,250	190	100		1,417	3,305,079	126	4	369

MONTGOMERY COUNTY

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
SHIPPING MINES							
1	Ind. & Iil. C. Corp., No. 10.	Nokomis.	531, 274	187, 610	341, 396	.....	1, 460
2	Cosgrove-Meehan, No. 5.	Panama.	313, 266	120, 454	178, 853	.....	3, 455
3	Hillsboro C. Co.	Hillsboro.	189, 705	96, 813	68, 459	.....	17, 416
	Total.		1, 034, 245	404, 877	588, 708	.....	22, 331

SHELBY COUNTY

SHIPPING MINES							
1	Moweaqua C. M. Co.....	Moweaqua.....	33, 950	8, 626	6, 449	.....	15, 146
LOCAL MINES							
1	Root & Tallman.....	Shelbyville.....	4, 103	.....	.....	.....	4, 078
2	Beshea & Kearney.....	Shelbyville.....	1, 400	.....	.....	.....	1, 350
3	Auld & Cruik.....	Shelbyville.....	763	.....	.....	.....	750
4	C. E. Davis.....	Mode.....	600	.....	.....	.....	600
5	B. F. Stretch.....	Shelbyville.....	244	.....	.....	.....	244
	Total.....	.....	7, 110	.....	.....	.....	7, 022
	Total 6 mines.....	.....	41, 060	8, 626	6, 449	.....	22, 168

SIXTH DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined		Number animals underground	Accidents		Number
Tons consumed or wasted at the mine	All coal not sold including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine		Killed	Injured	
195	613	964	92	5,311			35	25	371,892	159,382		2	37	1
10,504		571	99			43,100	19	11		313,266	11	2	18	2
7,017		285	131	1,775			10	4		189,705	22	1	13	3
17,716	613	1,820	107	7,086		43,100	64	40	371,892	662,353	33	5	68	

SIXTH DISTRICT

3,729		102	113	562			6	1		33,950	6		12	1
25		23	210						4,103					1
50		14	200						1,400					2
13		9	250						763					3
		4	150						600					4
		7	50						244					5
88		57	172						7,110					
3,817		159	162	562			6	1	7,110	33,950	6		12	

SHIPPING MINES, RECAPITULATION

County	Number of mines	Total	Disposition of output—tons					All coal not sold June 30, in- cluding waste
			Loaded on cars for shipment	Sold to railroad companies	Supplied to locomotives	Sold to local trade	Used at the mines	
Macoupin.....	9	3,297,910	676,892	2,495,671	11,354	42,798	71,195	.....
Montgomery..	3	1,034,245	404,877	588,708	.....	22,331	17,716	613
Shelby.....	1	33,950	8,626	6,449	.....	15,146	3,729	.....
Total....	13	4,366,105	1,090,395	3,090,828	11,354	80,275	92,640	613

LOCAL MINES, RECAPITULATION

Greene.....	6	6,947	.....	.....	.....	6,139	808	.....
Jersey.....	1	600	.....	.....	.....	600	.....	.....
Macoupin.....	4	8,586	.....	.....	.....	8,586	.....	.....
Shelby.....	5	7,110	.....	.....	.....	7,022	88	.....
Total....	16	23,243	.....	.....	.....	22,347	896	.....

RECAPITULATION, ALL MINES

Greene.....	6	6,947	.....	.....	.....	6,139	808	.....
Jersey.....	1	600	.....	.....	.....	600	.....	.....
Macoupin.....	13	3,306,496	676,892	2,495,671	11,354	51,384	71,195	.....
Montgomery..	3	1,034,245	404,877	588,708	22,331	17,716	613	.....
Shelby.....	6	41,060	8,626	6,449	.....	22,158	3,817	.....
Total....	29	4,389,348	1,090,395	3,090,828	33,685	98,007	76,433	.....

BY COUNTIES, SIXTH DISTRICT

Employees			Explosives used for blasting coal			Days of active operation	Number of mining machines used	Tons mined		Number of motors in use	Number of animals underground	Accidents	
Underground	On surface	Total	Kegs of powder	Pounds of dynamite	Pounds of permissible explosives			By hand	By machine			Killed	Injured
4,548	295	4,843	20,902	.....	8,250	117	189	.....	3,297,910	100	126	3	369
1,700	120	1,820	7,086	.....	43,100	107	64	371,892	662,353	40	33	5	68
89	13	102	562	.....	.....	113	6	.....	33,950	1	6	.....	12
6,337	428	6,765	28,550	.....	51,350	115	259	371,892	3,994,213	141	165	8	449

BY COUNTIES, SIXTH DISTRICT

25	6	31	345	.....	.....	131	.....	6,947	.....	.....	.....	.....	.....
4	1	5	1	.....	.....	100	.....	600	.....	.....	.....	.....	.....
19	4	23	184	.....	.....	105	1	1,417	7,169	.....	.....	1	.....
49	8	57	.....	.....	.....	172	.....	7,110	.....	.....	.....	.....	.....
97	19	116	530	.....	.....	136	1	16,074	7,169	.....	.....	1	.....

BY COUNTIES, SIXTH DISTRICT

25	6	31	345	.....	.....	131	.....	6,947	.....	.....	.....	.....	.....
4	1	5	1	.....	.....	100	.....	600	.....	.....	.....	.....	.....
4,567	299	4,866	21,086	.....	8,250	114	190	1,417	3,305,079	100	126	4	369
1,700	120	1,820	7,086	.....	43,100	107	64	371,892	662,353	40	33	5	68
138	21	159	562	.....	.....	162	6	7,110	33,950	1	6	.....	12
6,434	447	6,881	29,080	.....	51,350	126	260	387,966	4,001,382	141	165	9	449

SEVENTH DISTRICT

*Hon. A. D. Lewis, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Seventh Inspection District, comprising the coal producing counties of Bond, Madison and Marion, for the year ended December 31, 1927.

The following is a summary of the items shown in the report:

Number of counties producing coal.....	3
Number of shipping mines.....	17
Number of local mines.....	6
Number of employees underground.....	4,340
Number of employees on surface.....	405
Total number of employees.....	4,745
Total tons of coal produced.....	3,224,662
Days operated, shipping mines, average.....	134
Days operated, local mines, average.....	124
Number of fatal accidents.....	1
Number of non-fatal accidents.....	395
Number of employees to each fatal accident.....	4,745
Number of employees to each non-fatal accident.....	12
Tons of coal produced to each fatal accident.....	3,224,662
Tons of coal produced to each non-fatal accident.....	8,164
Ratio of fatal accidents per 1,000 employed.....	.21
Ratio of non-fatal accidents per 1,000 employed.....	83.24

NEW MINES

East Side Coal Company, operated as a shipping mine,

FATAL ACCIDENTS

January 12, Dominic Bertot, trip rider, age 19 years, single, fell off the motor and was run over and killed, in Lumaghi Coal Company's No. 2 mine.

Respectfully submitted,

HENRY D. THOMPSON,
Inspector.

FATAL CASUALTIES, SEVENTH DISTRICT, 1927.

Date	Name	Age	Occupation	Residence	Name of operator of mine	No. or letter of mine	Married	Single	Widow	Children	Dependents	Cause of death
Jan. 12	Dominic Bertot.....	19	Trip rider.....	Collinsville.....	Lumaghi Coai Co.....	2	...	✓	...	...	...	Motor

NON-FATAL ACCIDENTS, SEVENTH DISTRICT.

Name of operator	Number injured	Number not returned	Time lost by men returned—days		Occupation	Number injured	Number not returned	Time lost by men returned—days		Cause of injury	Number injured	Number not returned	Time lost by men returned—days	
			Total	Average				Total	Average				Total	Average
Abbey Coal Corp.....	5	2	50	17	Blacksmith.....	1	1	25	25	Falls of roof and sides.....	92	7	2,243	26
Bullock M. Co.....	1		122	122	Cager.....	2	1	8	8	Fall of person.....	31	2	762	26
Bunker Hill C. Co.....	3		70	23	Carpenter and repairer.....	4	4	51	13	Gas explosion.....	3		41	14
Carlin Coal Co.....	4		61	15	Coupler.....	1	1	17	17	Haulage.....	67	6	2,012	33
Donk Bro. Coal Co.....	30	1	914	32	Driver.....	28	3	879	35	Lifting.....	51	4	1,163	25
East Side Coal Co.....	1		14	14	Electrician.....	2	2	72	36	Machinery.....	11		333	30
Henrietta Coal Co.....	2		37	14	Foreman.....	2	1	41	22	Powder.....	2	1	45	45
Lumaghi Coal Co., No. 2.....	56		1,231	22	Laborer.....	20	1	472	25	Struck by objects.....	118	6	2,372	21
Lumaghi Coal Co., No. 3.....	19		427	22	Loader.....	169	14	3,901	25	Miscellaneous.....	5	1	102	25
Nadison Coal Corp., No. 2.....	29	6	463	20	Machine man.....	43	4	1,018	26	Not stated.....	15	2	429	33
Marion Co. Coal Co.....	40		1,047	26	Miner.....	69	3	1,577	24					
Mt. Olive & Staunton C. Co., No. 2.....	85	8	2,164	28	Motorman.....	7	1	216	36					
New Staunton C. Co.....	56	7	1,505	31	Shot firer.....	1	1							
Odin Coal Co.....	23	1	552	25	Spragger.....	4	4	123	31					
Peachontas M. Co.....	34	3	673	22	Timberman.....	7	7	167	24					
Troy Coal Co.....	4	1	110	37	Trackman.....	9	259	29	26					
Winkle, O. L.....	3		72	24	Trapper.....	1	1	26	26					
					Trip rider.....	19	1	399	50					
					Miscellaneous.....	6	1	251	26					
Total.....	395	29	9,502	26		305	29	9,502	26		395	29	9,502	26

BOND COUNTY

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
SHIPPING MINES							
1	Pocahontas M. Co.	Pocahontas.	208,081	131,711	68,500		4,246

MADISON COUNTY

SHIPPING MINES							
1	Mt. Olive & Staunton, No. 2.	Staunton.	581,185	526,759	40,078	.....	3,681
2	Lumaghi Coal Co., No. 2...	Collinsville.	389,094	275,639	105,175	.....	.....
3	Madison C. Corp., No. 2...	Glen Carbon.	333,168	.....	325,759	.....	2,466
4	New Staunton C. Corp.	Livingston.	275,024	151,080	113,020	.....	4,488
5	Donk Bros. C. & C. Co., No.4	Edwardsville.	228,002	224,226	.....	112	39
6	Troy Coal Co.	Troy.	116,756	101,172	.....	.....	10,963
7	Lumaghi Coal Co., No. 3...	Collinsville.	59,945	53,046	6,000	.....	.....
8	Bullock Mining Co.	Collinsville.	58,563	40,613	.....	.....	17,500
9	O. L. Winkel C. Co.	Edwardsville.	40,081	40,000	.....	.....	.....
10	Bunker Hill C. Co.	Bunker Hill.	36,715	3,200	.....	.....	31,965
11	Collinsville Coal Corp.	Collinsville.	20,829	6,943	.....	.....	13,609
12	Carlin Coal Corp.	Bethalto.	14,986	5,700	.....	.....	8,586
13	East Side Coal Co.	Edwardsville.	12,859	40	.....	.....	12,719
14	Henrietta Coal Co.	Edwardsville.	3,108	341	.....	.....	2,549
Total.			2,170,315	1,428,759	590,032	112	108,565
LOCAL MINES							
1	Abby Coal Corp.	Collinsville.	78,152	.....	.....	.....	69,379
2	Hydraulic Press Brick Co.	Collinsville.	7,063	.....	.....	.....	7,063
3	Wilkenning Stahl.	Moro.	3,205	.....	.....	.....	3,200
4	Joshu Coal Co.	Bethalto.	1,325	.....	.....	.....	1,325
5	John Way.	Worden.	1,164	.....	.....	.....	1,074
6	Earnest Rink.	Alton.	325	.....	.....	.....	320
Total.			91,234	.....	.....	.....	82,361
Total 20 mines.			2,261,549	1,428,759	590,032	112	190,926

MARION COUNTY

SHIPPING MINES							
1	Marion Co. Coal Co.	Centralia.	519,159	445,110	24,801	.....	20,933
2	Odin Coal Co.	Odin.	235,873	205,907	.....	.....	15,366
Total.			755,032	651,017	24,801	.....	36,299

SEVENTH DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined		Number animals underground	Accidents		Number
Tons consumed or wasted at the mine	All coal not sold including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine		Killed	Injured	
3,000	624	367	90	2,116	.....	22,575	14	2	44,749	163,332	20	.....	34	1

SEVENTH DISTRICT

9,663	1,004	728	123	3,310		423	32	3	581,185	43	85	1	
7,034	1,246	585	92	4,601	1,050		24	14	389,094	10	1	56	
4,888	55	575	110	3,865			24	6	333,168	34		29	
6,436		592	85	1,990			20	14	275,024	3		56	
1,616	2,009	605	63	2,278			27	21	228,002			30	
4,621		153	171	1,182			4	2	114,482	13		4	
899		196	57	2,531	100		2	2	59,945	14		19	
450		85	116	2,491					58,563	8		1	
81		106	128	285			5	1	40,081	6		3	
1,200	350	44	163	350			2		36,715	4		3	
277		56	114	656			2		9,344	11,485	2	11	
700		20	216	150		200	2			14,986	2	4	
100		25	132	561					12,859	3		1	
218		26	35	146	25	325			3,108	4		2	
38,183	4,664	3,796	115	24,396	1,175	948	142	63	146,093	2,024,222	146	1	293
8,773		101	147	1,074			4		78,152			5	1
5		7	134	295					7,063				2
		6	200	45					3,205				3
		9	110	50					1,325				4
90		6	95	15					1,164				5
5		5	58	5					325				6
8,873		134	124	1,484			4		13,082	78,152			5
47,056	4,664	3,930	117	25,880	1,175	948	146	63	159,175	2,102,374	146	1	298

SEVENTH DISTRICT

10,950	17,365	242	284	.....	102,725	10	7	519,159	19	40	1
14,600	.....	206	304	2,301	.....	10	2	235,873	15	23	2
25,550	17,365	448	294	2,301	.....	102,725	20	9	755,032	34	63

SHIPPING MINES, RECAPITULATION

County	Number of mines	Total	Disposition of output—tons					
			Loaded on cars for shipment	Sold to railroad companies	Supplied to locomotives	Sold to local trade	Used at the mines	All coal not sold June 30, in- cluding waste
Bond.	1	208,081	131,711	68,500	.....	4,246	3,000	624
Madison.	14	2,170,315	1,428,759	590,032	112	108,565	38,183	4,664
Marion.	2	755,032	651,017	24,801	.....	36,299	25,550	17,365
Total.	17	3,133,428	2,211,487	683,333	112	149,110	66,733	22,653

LOCAL MINES, RECAPITULATION

Madison.	6	91,234	82,361	8,873
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RECAPITULATION, ALL MINES

Bond.	1	208,081	131,711	68,500	4,246	3,000	624
Madison.	20	2,261,549	1,428,759	590,032	112	190,926	47,056	4,664
Marion.	2	755,032	651,017	24,801	.....	36,299	25,550	17,365
Total.	23	3,224,662	2,211,487	683,333	112	231,471	75,606	22,653

BY COUNTIES, SEVENTH DISTRICT

Employees			Explosives used for blasting coal			Days of active operation	Number of mining machines used	Tons mined		Number of motors in use	Number of animals underground	Accidents	
Underground	On surface	Total	Kegs of powder	Pounds of dynamite	Pounds of permissible explosives			By hand	By machine			Killed	Injured
340	27	367	2, 116	.....	22, 575	90	14	44, 749	163, 332	2	20	.....	34
3, 506	290	3, 796	24, 396	1, 175	948	115	142	146, 093	2, 024, 222	63	146	1	293
375	73	448	2, 301	.....	102, 725	294	20	.....	755, 032	9	34	.....	63
4, 221	390	4, 611	28, 813	1, 175	126, 248	134	176	190, 842	2, 942, 586	74	200	1	390

BY COUNTIES, SEVENTH DISTRICT

119	15	134	1, 484	124	4	13, 082	78, 152	5
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BY COUNTIES, SEVENTH DISTRICT

340	27	367	2, 116	22, 575	90	14	44, 749	163, 332	2	20	34
3, 625	305	3, 930	25, 880	1, 175	948	117	146	159, 175	2, 102, 374	63	146	1	298
375	73	448	2, 301	.....	102, 725	294	20	.....	755, 032	9	34	.....	63
4, 340	405	4, 745	30, 297	1, 175	126, 248	132	180	203, 924	3, 020, 738	74	200	1	395

EIGHTH DISTRICT

*Hon. A. D. Lewis, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Eighth Inspection District, comprising the coal producing counties of Clinton, Monroe and St. Clair, for the year ended December 31, 1927.

The following is a summary of the items shown in the report:

Number of counties producing coal.....	3
Number of shipping mines.....	40
Number of local mines.....	18
Number of employees underground.....	5,799
Number of employees on surface.....	643
Total number of employees.....	6,442
Total tons of coal produced.....	3,666,702
Days, operated, shipping mines, average.....	103
Days operated, local mines, average.....	159
Number of fatal accidents.....	4
Number of non-fatal accidents.....	247
Number of employees to each fatal accident.....	1,610
Number of employees to each non-fatal accident.....	26
Tons of coal produced to each fatal accident.....	916,675
Tons of coal produced to each non-fatal accident.....	14,845
Ratio of fatal accidents per 1,000 employed.....	.62
Ratio of non-fatal accidents per 1,000 employed.....	38.34

RE-OPENED MINES

Egyptian Coal Company O. K. Mine.
Columbia Colliery Co., Lenzburg.
Hibbard Coal Company.
Lou-Nash Coal Company No. 2.
Perry Coal Company, Superior Mine.

CHANGE OF NAME

Kolb Coal Company No. 5 Mine, to Service Coal Company.
Solar Coal Company, to United Electric Coal Co. No. 13.

FATAL ACCIDENTS

January 27, Albert Nanting, miner, age 46 years, married, was killed by a fall of slate, in Gundlach Coal Company's mine. He leaves a widow and three children.

February 26, James Lebruska, miner, age 56 years, married, was killed in St. Louis and O'Fallon Coal Company's No. 2 mine, by a fall of clod. He leaves a widow and five children.

May 18, Joseph Muchenstrum, miner, age 43 years, married, was killed by a fall of slate in Gundlach Coal Company's mine. He leaves a widow and eight children.

November 2, Rudolph Miller, miner, age 53 years, married, came in contact with an electric tubing and was electrocuted, in Victoria Coal Company's mine. He leaves a widow.

Respectfully submitted,

JAMES R. RICHARDS,
Inspector.

FATAL CASUALTIES, EIGHTH DISTRICT, 1927.

Date	Name	Age	Occupation	Residence	Name of operator of mine	No. or letter of mine	Married	Single	Widow	Children	Dependents	Cause of death
Jan. 27	Albert Nanting	46	Miner	Caseyville	Gundlach Coal Co.	.....	✓	.....	✓	3	4	Falling slate
Feb. 26	James Lebruska	56	Miner	E. St. Louis	St. Louis & O'Fallon Coal Co.	.....	✓	.....	✓	5	6	Falling clod
May 18	Joseph Muchenstrum	43	Miner	Belleville	Gundlach Coal Co.	.....	✓	.....	✓	8	9	Falling slate
Nov. 2	Rudolph Miller	53	Miner	E. St. Louis	Victoria Coal Co.	✓	✓	...	1	Electrocuted

NON-FATAL ACCIDENTS, EIGHTH DISTRICT.

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Name of operator	Number injured	Time lost by men returned—days		Occupation		Number injured	Number not returned	Time lost by men returned—days		Cause of injury		Number injured	Number not returned	Time lost by men returned—days	
		Total	Average					Total	Average					Total	Average
Aluminum Ore Co.	5	98	20	Blacksmith.	2	2	2	61	30	30 Cage.	1	1	142	142	142
Breese-Trenton M. Co., B.	11	294	33	Cager.	3	3	2	30	30	30 Fall of roof and sides.	50	3	1,705	36	36
Breese-Trenton M. Co., E.	1	14	14	Carpenter.	1	1	1	27	27	31 Fall of person.	20	1	733	30	30
Chapple & Moore C. Co.	8	208	35	Driver.	31	1	1	929	30	31 Haulage.	46	1	1,765	38	38
Consolidated C. Co., No. 17	14	461	32	Electrician.	1	1	1	10	10	10 Lifting.	32	1	1,302	41	41
Egyptian C. Co., Meek	7	115	16	Fireman.	1	1	1	24	24	24 Machinery.	7	1	145	21	21
Egyptian C. Co., O. K.	3	42	21	Foreman.	1	1	1	7	7	7 Struck by objects.	79	6	2,021	28	28
Eldnar Coal Co.	5	109	22	Laborer.	27	2	2	1,076	43	43 Miscellaneous.	6	1	87	14	14
Ell-Rich Coal Co.	10	203	20	Loader.	73	2	2	2,303	32	32 Not stated.	6	1	146	24	24
Fullerton C. Co.	3	57	19	Machine man.	12	1	1	308	26						
Golden Rule C. Co.	7	238	34	Miner.	79	2	2	2,748	36						
Groom Coal Co.	9	75	9	Motorman.	3	1	1	190	63						
Guest Coal Co.	8	196	24	Spragger.	1	1	1	13	13						
Gundlach C. Co.	12	393	33	Timberman.	1	1	1	131	26						
Jones Bros. C. Co., No. 1	8	320	40	Trackman.	5	5	5	57	28						
Kalb Coal Co., No. 1	4	53	18	Trip rider.	2	2	2	132	33						
Kalb Coal Co., No. 2	4	96	24	Miscellaneous.	4	4	4								
Lyle Coal Co.	5	51	10												
Mulberry Hill C. Co.	3	96	32												
New National C. Co.	10	525	52												
Perry Coal Co., Carbon	7	249	36												
Perry Coal Co., St. E.	6	181	30												
Perry Coal Co., Taylor	10	495	62												
Quality C. M. Co.	3	46	15												
St. Louis & O'Fallon C. Co., No. 1	7	339	48												
St. Louis & O'Fallon C. Co., No. 2	47	1,857	40												
Service Coal C.	2	25	25												
Southern C. & M. Co., No. 7	3	50	17												
Southern C. & M. Co., No. 8	1	48	48												
Southern C. & M. Co., No. 9	2	167	83												
Summit C. M. Co.	6	252	42												
Tower Grove C. Co.	1	90	90												
United Elec. C. Co., No. 13	5	265	53												
Victoria C. Co., B. B.	8	246	31												
Victoria C. Co., Edgmont.	3	92	31												
Total.	247	8,046	34			247	10	8,046	34			247	10	8,046	34

CLINTON COUNTY

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
SHIPPING MINES							
1	Southern C. C. & M. Co. No. 9.	New Baden.....	293, 241	270, 064			9, 319
2	Breese-Trenton M. Co. "E. B."	Beckenmeyer.....	147, 461	127, 633	5, 659		11, 266
3	Breese-Trenton M. Co. "E. B."	Breese.....	95, 663	71, 428	2, 279	6, 691	12, 380
4	Breese-Trenton M. Co. "N. B."	Breese.....	46, 714	43, 561	1, 560		
Total.....			583, 079	512, 686	9, 498	6, 691	32, 965

MONROE COUNTY

LOCAL MINES							
1	Leidenheimer & Oliver	Columbia	553				540

ST. CLAIR COUNTY

SHIPPING MINES							
1	St. Louis & O'Fallon C. Co. No. 2.	E. St. Louis	436, 615	339, 508	79, 086	1, 413	911
2	Southern C. C. & M. Co., No. 7.	Belleville	150, 811	146, 341			
3	Southern C. C. & M. Co., No. 8.	Belleville	146, 928	141, 838			132
4	Mulberry Hill C. Co.	Freeburg	145, 368	142, 568			1, 600
5	Perry Coal Co., St. E.	O'Fallon	137, 948	47, 215	87, 685	244	
6	Gundlach C. Co.	E. St. Louis	128, 168	1, 060	119, 818	1, 490	5, 800
7	Perry Coal Co., Carbon	O'Fallon	122, 485	47, 993	60, 172		12, 447
8	Consolidated C. Co., No. 17.	Collinsville	116, 129	50, 137	63, 162		
9	Perry Coal Co., Taylor	O'Fallon	114, 117	28, 370	83, 128		82
10	New National C. Co.	Belleville	99, 905	97, 950			871
11	Groom Coal Co.	Belleville	96, 914	40, 643	27, 921	27, 530	
12	Golden Rule Coal Co.	Lenzburg	96, 819	75, 233	17, 003		3, 000
13	Egyptian Coal M. Co., Meek	Marissa	89, 396	87, 204			
14	Aluminum Ore Co.	Belleville	89, 229	70, 530	17, 720		963
15	Ell-Rich M. Co.	Belleville	88, 303	87, 771			
16	Reichert Coal Co.	Freeburg	77, 340	73, 370			3, 390
17	Eldnar Coal Co.	Belleville	73, 742	72, 742			
18	Guest Coal Co.	Belleville	71, 599	32, 371			38, 248
19	Quality C. M. Co.	Belleville	70, 631	45, 268			25, 363
20	Lyle Coal Co.	Marissa	66, 730	47, 922	15, 974		2, 218
21	St. Louis & O'Fallon, No. 1.	E. St. Louis	65, 615	7, 367	57, 527		
22	Southern C. C. & M. Co., No. 6.	Belleville	64, 755	18, 244			45, 457
23	United Elec. C. Co., No. 13.	Freeburg	50, 525	47, 643			
24	Jones Bros. C. Co., No. 1.	Marissa	50, 217	41, 724			7, 397
25	Summit Coal Co.	Belleville	47, 763	46, 792			392
26	Kolb Coal Co., No. 1.	Mascoutah	41, 553	15, 144	15, 902		9, 738
27	Kolb Coal Co., No. 2.	Mascoutah	39, 460	37, 459	374		487
28	Fullerton Coal Co.	Belleville	30, 632	26, 872			2, 060
29	Service Coal Co.	Belleville	24, 124	11, 628			12, 370
30	Chapple & Mowe	Ceseyville	22, 820	22, 320			
31	Egyptian Coal Co., O. K.	Marissa	12, 482	11, 950			

EIGHTH DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined		Number animals underground	Accidents	
Tons consumed or wasted at the mine	All coal not sold including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine		Killed	Injured
13,858		439	118	3,127			18	12		293,241			2
2,903		342	74			18,900	9	4		147,461	22		11
2,885		205	88	1,090			6	4		95,663	14		1
1,593		236	33	1,447				2	46,714		13		4
21,239		1,222	78	5,664		18,900	33	22	46,714	536,365	49		14

EIGHTH DISTRICT

13		2	180	61					553				1
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EIGHTH DISTRICT

14,752	945	575	128	4,995			26	9		436,615	28		47
4,470		141	147	7,200			11	2		150,811	16		3
4,958		267	74	1,532			12	8		146,928	2		1
1,200		221	91	6,330			1	2	142,809	2,559	14		3
2,804		290	107	4,544				2	137,948		18		6
		99	288	2,400			4	2		128,168	6	2	12
1,873		175	150	4,891				3	122,485		8		7
2,830		378	55	1,214			14	2		116,129	27		14
2,537		202	107	5,005				1	114,117		10		10
1,084		103	170	3,996		250		1	99,905		4		10
600	220	121	106	4,008				2	96,914		8		9
1,500	83	122	132	4,221				2	96,819		7		7
2,192		158	113	3,710	75				89,396		9		7
16		183	76	922			7	5		89,229	9		5
532		112	132	4,105				1	88,303		5		10
580		110	149	3,560					77,340		14		16
1,000		174	99	2,950				2	73,742		7		5
980		98	187	800			4	1		71,599	6		8
		80	164	2,327			1	2	54,584	16,047	16		3
616		93	117	2,915				1	66,730		4		5
621	100	191	72	2,845				2	65,615		16	1	7
1,054		81	151	2,894				1	64,755		4		22
500	2,382	60	50	431					Strin				5
1,096		89	112	1,936					50,217		9		8
579		62	178	2,200					47,763		4		6
769		144	34	2,288				2	41,553		9		4
1,140		147	18	1,992				3	39,460		6		4
1,700		32	182	1,378					30,632				3
126		75	97	1,005				1	24,124		4		1
500		82	79	1,200					22,820				8
532		111	16	575					12,482		5		3

ST. CLAIR COUNTY—concluded

Number	Name of operator	Postoffice address the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
32	Perry Coal Co., Sup.	Belleville	10, 732	10, 567			
33	Columbia C. Co.	Lenzburg	5, 539	5, 171			356
34	Lou-Nash C. Co.	Rentchler	3, 514	3, 334			
35	H. E. Miller C. Co.	Caseyville	3, 256	1, 350			1, 200
36	Hippard Coal Co.	Belleville	1, 103	300			803
Total			2, 893, 267	1, 983, 899	645, 472	30, 677	175, 285
LOCAL MINES							
1	Victoria C. Co.	Edgemont	47, 477				47, 450
2	Victoria C. Co.	Belleville	45, 125				44, 193
3	Harding & Patterson	Belleville	14, 000				14, 000
4	Pioneer Coal Co.	Belleville	12, 725				12, 725
5	Bretz & Shilling	Belleville	12, 023				11, 798
6	Tower Grove C. Co.	Belleville	10, 590				10, 090
7	Shubert C. Co.	Mascoutah	9, 641				9, 641
8	East Side C. Co.	Freeburg	9, 409				9, 209
9	Pep Coal Co.	New Athens	7, 922				7, 749
10	Albert Beih.	Caseyville	3, 953				3, 853
11	Arthur Rheinheimer	Freeburg	3, 805				3, 805
12	Hickory C. M. Co.	Edgemont	3, 165				3, 135
13	Bluff View C. Co.	Collinsville	3, 146				3, 000
14	Breese Coal Co.	Belleville	2, 742				2, 382
15	Fred Ziska.	Edgemont	1, 560				1, 560
16	K. E. Guthery	Millstadt	1, 280				1, 280
17	Ed. Helthausen	Millstadt	1, 240				1, 240
Total			189, 803				187, 110
Total 53 mines.			3, 083, 070	1, 983, 899	645, 472	30, 677	362, 395

EIGHTH DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined		Number animals underground	Accidents		Number
Tons consumed or wasted at the mine	All coal not sold including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine		Killed	Injured	
165	10	81	462	.....	.....	.....	1	10,732	.....	1	.....	.....	32
12	54	27	269	.....	.....	.....	1	5,539	.....	4	.....	.....	33
180	46	22	140	50	.....	.....	.....	3,514	.....	3	.....	.....	34
706	10	61	129	.....	.....	.....	.....	3,256	.....	.....	.....	.....	35
.....	18	20	80	.....	.....	.....	.....	1,103	.....	.....	.....	.....	36
54,204	3,730	4,914	105	91,449	125	250	80	59	1,684,657	1,158,085	283	3	221	.....
27	67	159	2,299	.....	.....	.....	.....	47,477	.....	.....	1	3	1
932	60	150	627	.....	.....	3	.....	45,125	.....	.....	.....	8	2
.....	31	150	.....	.....	.....	.....	.....	14,000	.....	.....	.....	.....	3
.....	20	109	133	.....	.....	1	.....	1,864	10,861	.....	.....	.....	4
225	27	122	474	.....	.....	.....	.....	12,023	.....	.....	.....	.....	5
500	20	120	350	.....	.....	.....	.....	10,590	.....	.....	.....	1	6
.....	12	250	298	.....	.....	.....	.....	9,641	.....	.....	.....	.....	7
200	8	156	420	.....	.....	.....	.....	9,409	.....	.....	.....	.....	8
173	11	146	315	.....	.....	.....	.....	7,922	.....	.....	.....	.....	9
100	7	193	360	.....	.....	.....	.....	3,953	.....	.....	.....	.....	10
.....	5	243	219	.....	.....	.....	.....	3,805	.....	.....	.....	.....	11
30	7	132	225	.....	.....	.....	.....	3,165	.....	.....	.....	.....	12
146	8	156	146	.....	.....	1	.....	240	2,906	.....	.....	.....	13
360	8	110	125	.....	.....	.....	.....	2,742	.....	.....	.....	.....	14
.....	4	165	130	.....	.....	.....	.....	1,560	.....	.....	.....	.....	15
.....	3	226	.....	.....	.....	.....	.....	1,280	.....	.....	.....	.....	16
.....	6	86	.....	.....	.....	.....	.....	1,240	.....	.....	.....	.....	17
2,693	304	157	6,121	.....	.....	5	.....	130,911	58,892	.....	1	12	.....
56,897	3,730	5,218	122	97,570	125	250	85	59	1,815,568	1,216,977	283	4	233	.....

SHIPPING MINES, RECAPITULATION

County	Number of mines	Total	Disposition of output—tons					
			Loaded on cars for shipment	Sold to railroad companies	Supplied to locomotives	Sold to local trade	Used at the mines	All coal not sold June 30, including waste
Clinton.....	4	583,079	512,686	9,498	6,691	32,965	21,239	.....
St. Clair.....	36	2,893,267	1,983,899	645,472	30,677	175,285	54,204	3,730
Total....	40	3,476,346	2,496,585	654,970	37,368	208,250	75,443	3,730

LOCAL MINES, RECAPITULATION

Monroe.....	1	553	.....	.....	.....	540	13	.....
St. Clair.....	17	189,803	.....	.....	.....	187,110	2,693	.....
Total....	18	190,356	.....	.....	.....	187,650	2,706	.....

RECAPITULATION, ALL MINES

Clinton.....	4	583,079	512,686	9,498	6,691	32,965	21,239	.....
Monroe.....	1	553	.....	.....	.....	540	13	.....
St. Clair.....	53	3,083,070	1,983,899	645,472	30,677	362,395	56,897	3,730
Total....	58	3,666,702	2,496,585	654,970	37,368	395,900	78,149	3,730

BY COUNTIES, EIGHTH DISTRICT

Employees			Explosives used for blasting coal				Number of mining machines used	Tons mined		Number of motors in use	Number of animals underground		Accidents	
Underground	On surface	Total	Kegs of powder	Pounds of dynamite	Pounds of permissible explosives			By hand	By machine		Killed	Injured		
1,098	124	1,222	5,664	.....	18,900	78	33	46,714	536,365	22	49	...	14	
4,428	486	4,914	91,449	125	250	105	80	1,684,657	1,158,085	59	283	3	221	
5,526	610	6,136	97,113	125	19,150	103	113	1,731,371	1,694,450	81	332	3	235	

BY COUNTIES, EIGHTH DISTRICT

2	...	2	61	.....	180	...	553	...	...	...	...	...	...	...
271	33	304	6,121	.....	157	5	130,911	58,892	...	...	...	1	12	
273	33	306	6,182	.....	159	5	131,464	58,892	...	...	...	1	12	

BY COUNTIES, EIGHTH DISTRICT

1,098	124	1,222	5,664	.....	18,900	78	33	46,714	536,365	22	49	...	14	
2	...	2	61	.....	180	...	553	...	...	...	...	...	...	...
4,699	519	5,218	97,570	125	250	122	85	1,815,568	1,216,977	59	283	4	233	
5,799	643	6,442	103,295	125	19,150	120	118	1,862,835	1,753,342	81	332	4	247	

NINTH DISTRICT

*Hon. A. D. Lewis, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Ninth Inspection District, comprising the coal producing counties of Jackson, Perry, Randolph and Washington, for the year ended December 31, 1927.

The following is a summary of the items shown in the report:

Number of counties producing coal.....	4
Number of shipping mines.....	24
Number of local mines.....	40
Number of employees underground.....	4,638
Number of employees on surface.....	846
Total number of employees.....	5,484
Total tons of coal produced.....	3,614,185
Days operated, shipping mines, average.....	158
Days operated, local mines, average.....	128
Number of fatal accidents.....	8
Number of non-fatal accidents.....	250
Number of employees to each fatal accident.....	685
Number of employees to each non-fatal accident.....	22
Tons of coal produced to each fatal accident.....	451,773
Tons of coal produced to each non-fatal accident.....	14,457
Ratio of fatal accidents per 1,000 employed.....	1.46
Ratio of non-fatal accidents per 1,000 employed.....	45.59

CLOSED OR ABANDONED MINES

De Soto-Peacock Coal Co., and Kuhn Colliery Company.

CHANGE OF NAME

Southern Gem Coal Corporation No. 5, to Brewerton Coal Co. No. 45.

Wall Coal Co. No. 4, to Sparta Coal Mining Co. No. 4.

FATAL ACCIDENTS

January 28, Oscar Moss, pumpman, age 38 years, married, was run over and killed by a railroad car in the pit of Perfection Coal Company's strip mine. He leaves a widow and three children.

February 15, Fred Ferrell, trip rider, age 28 years, married, was killed in Union Colliery Company's mine. Deceased attempted to get on a passing car, missed his step, was struck, and fell in front of car, which ran over him. He leaves a widow and four children.

March 30, George Huelskamp, miner, age 55 years, married, was instantly killed when struck by a fall of rock in Paradise Coal Company's mine. He leaves a widow and five children.

May 22, Gabe Treft, pumpman, age 60 years, married, was struck and instantly killed by a fall of rock in Security Coal and Mining Company's mine. He leaves a widow and three children.

September 8, Howard Clark, oiler, age 30 years, married, was killed in Pyramid Coal Corporation's No. 2 mine by being caught by drive wheel of steam shovel. He leaves a widow and three children.

October 14, Abijah Huggins, miner, age 20 years, married, died from injuries received four days previously by being struck by a fall of rock, in Columbia Collieries Company's mine. He leaves a widow and two children.

October 19, Thomas Kelly, trackman, age 68 years, married, was killed in Willis Coal Mining Company's No. 7 mine. There was no eye witness to this accident. Deceased was found lying with his head across the rail and it is supposed he fell, breaking his neck. He leaves a widow.

December 29, John Brayfield, miner, age 60 years, married, was killed in Perry Coal Company's Perco mine by a fall of rock. He leaves a widow and one child.

Respectfully submitted,

FRANK ROSBOTTOM,

Inspector.

FATAL CASUALTIES, NINTH DISTRICT, 1927.

Date	Name	Age	Occupation	Residence	Name of operator of mine	No. or letter of mine	Married	Single	Widow	Children	Dependents	Cause of death
Jan. 28	Oscar Moss	38	Pumpman	Sunfield	Perfection C. Co.		✓	✓	✓	3	4	Railroad car
Feb. 15	Pred Ferrell	28	Trip rider	Dowell	Union Col. Co.		✓	✓	✓	4	5	Pit car
Mar. 30	Charles Huelskamp	55	Miner	Elkville	Paradise C. Co.		✓	✓	✓	5	6	Falling rock
May 22	Gabe Treft	60	Pumpman	Duquoin	Security C. M. Co.		✓	✓	✓	3	4	Falling rock
Sept. 8	Howard Clark	30	Oiler	Pineknayville	Pyramid C. Corp.		✓	✓	✓	3	4	Machinery
Oct. 14	Almah Huggins	20	Miner	Winkle	Columbia Col. Co.	1	✓	✓	✓	2	3	Falling rock
Oct. 19	Thomas Kelly	68	Trackman	Sparta	Willis C. & M. Co.	B. E	✓	✓	✓	✓	1	Fall of person
Dec. 29	John Brayfield	60	Miner	Coulterville	Perry Coal Co.	Per. Co	✓	✓	✓	✓	2	Falling rock

NON-FATAL ACCIDENTS, NINTH DISTRICT.

Name of operator	Number injured	Time lost by men returned—days		Occupation	Number injured	Number not returned	Time lost by men returned—days		Cause of injury	Number injured	Number not returned	Time lost by men returned—days	
		Total	Average				Total	Average				Total	Average
Bailey Bros. Coal Co.	3	63		21 Blacksmith.	2		47	23	Falls of roof and sides	49	4	1,802	40
Black Servant C. Co.	2	36		18 Carpenter.	1		43	43	Fall of person	9		223	25
Brewerton C. Co., No. 45	2	28		14 Driver.	20	4	440		Haulage	30	1	1,015	35
Centralia C. Co., No. 5	44	1,071		27 Electrician	2		27	13	Lifting	32	2	768	26
Clarkson C. Co.	5	133		33 Fireman	2		24	24	Machinery	9		256	29
Columbia Col. Co., B. E.	18	365		23 Foreman	3		58	19	Struck by objects	95	3	2,289	25
Consolidated C. Co., No. 10	7	112		16 Laborer	17		562		Miscellaneous	9		165	18
Crerar-Clinch C. Co.	41	1,153		28 Loader	86	4	2,463		Not stated	17	4	329	25
Darmstadt C. Co.	1	15		15 Machineman	29	2	973						
Darmstadt C. Co.	2	105		32 Miner	44	1	189	38					
Forsythe Coal Co.	3	110		37 Motorman	5		10	10					
Gayle Coal Co.	8	231		26 Shot firer	2	1	10	39					
Jones Bro. C. Co., No. 2	7	508		85 Spragger	7	2	146	30					
Moffat Coal Co.	8	157		20 Timberman	12		362	121					
Paradise Coal Co.	6	136		23 Trackman	1		510	43					
Perfection C. Co.	10	237		24 Trapper	1		36	12					
Perry Coal Co.	5	132		27 Trip rider	3								
Pyramid C. Corp.	16	403		31 Miscellaneous									
St. Louis Coal Co.	22	398											
Security Coal Co.	2	40											
Sparta Coal Co.	2	40											
Union Col. Co.	32	1,311											
Venedy Coal Co.	1	21											
Willis C. & M. Co., No. 7	3	65											
Wilson Coal Co.	2	17											
Total	250	6,847	29		250	14	6,847	29		250	14	6,847	29

JACKSON COUNTY

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
SHIPPING MINE							
1	Black Servant Coal Co.	Elkville.	328, 585	323, 003	5, 106		
2	Union Col. Co.	Dowell.	317, 944	316, 120			1, 092
3	Forsyth Coal Co.	DeSoto.	284, 139	148, 927	133, 523		555
4	Consolidated C. Co., No. 10.	Murphysboro.	30, 200	27, 780			
5	Murphysboro Mining Co.	Vergennes.	2, 000	2, 000			
Total.			962, 868	817, 830	138, 629		1, 647
LOCAL MINES							
1	Gus Blair Coal Co., No. 2.	Murphysboro.	6, 305				4, 704
2	McKarnes Coal Co.	Carbondale.	5, 400				5, 220
3	Gus Blair Coal Co., No. 3.	Murphysboro.	5, 318				5, 268
4	John C. Swofford C. Co.	Carbondale.	5, 000				5, 000
5	E. W. Birkner.	Oraville.	3, 390				3, 390
6	Reprogle and Sons Coal Co.	Murphysboro.	2, 989				2, 989
7	Templeton Bros. Coal Co.	Murphysboro.	2, 541				2, 541
8	H. S. Phillips.	Carbondale.	2, 530				2, 530
9	Crab Orchard Coal Co.	Carbondale.	1, 848				1, 792
10	Moosehart and Henderson.	Carbondale.	1, 716				1, 560
11	Independent Coal Co.	Carbondale.	1, 640				1, 420
12	Wilkerson and Gills.	De Soto.	1, 300				1, 300
13	Home Fires Coal Co.	DeSoto.	1, 200				1, 200
14	Wm. Morgan.	Ava.	828				828
15	Campbell-Hill Brick Co.	Campbell Hill.	624				624
16	Walter Heiple.	Murphysboro.	616				616
17	Hi Carbon Coal Co.	Campbell Hill.	594				522
18	W. R. Campbell.	Mathews.	592				592
Total.			44, 431				42, 096
Total 23 mines.			1, 007, 299	817, 830	138, 629		43, 743

NINTH DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined		Number animals underground	Accidents	
Tons consumed or wasted at the mine	All coal not sold including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine		Killed	Injured
476		118	157	1,197	304,850				Strip				2
732		574	74			43,025	22	22		317,944		1	32
1,134		52	172						Strip				2
2,420		152	46	167		35,050	1	1		30,200	8		7
		12	60	75					2,000		1		5
4,762		908	127	1,439	304,850	78,075	23	23	2,000	348,144	9	1	43
1,601		13	126	95			1			6,305			1
180		15	180	270					5,400				2
50		22	60	95			1		1,269	4,049			3
		12	200	400					5,000				4
		8	132	90					3,390				5
		10	191	152					2,989				6
		9	102	172					2,541				7
		4	160	125					2,530				8
56		7	129	90					1,848				9
156		4	156	58					1,716				10
220		7	102	27					1,640				11
		5	192	110					1,300				12
		5	120	60					1,200				13
		8	92	43					828				14
		3	78	22					624				15
		3	122	25					616				16
72		7	33	32					594				17
		3	108	32					592				18
2,335		145	127	1,898			2		34,077	10,354			
7,097		1,053	127	3,337	304,850	78,075	25	23	36,077	358,498	9	1	43

PERRY COUNTY

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
SHIPPING MINES							
1	Crerar-Clinch Coal Co.	Duquoin.	482, 154	441, 679	22, 428		681
2	Perry Coal Co.	Coulterville.	186, 138	181, 011			1, 392
3	Security Coal Co., No. 1.	Duquoin.	181, 117	126, 915		38, 413	1, 342
4	Pyramid Coal Co., No. 2.	Pickneyville.	165, 832	159, 134			725
5	Gayle Coal Co.	Duquoin.	156, 909	136, 983	19, 080		298
6	Columbia Coal Co., "B. E."	Swanswick.	113, 737	105, 707	5, 603		1, 330
7	Perfection Coal Co.	Duquoin.	103, 308	94, 170			9, 138
8	Paradise Coal Co.	Duquoin.	92, 485	65, 884	11, 886	10, 654	1, 061
9	Wilson C. and M. Co.	Cutler.	76, 811	75, 703			478
10	Brewerton C. Co., No. 45.	Pickneyville.	41, 972		28, 548	9, 089	3, 405
11	Willis C. M. Co., No. 8.	Willisville.	17, 000	17, 000			
12	Bailey Bros. Coal Co.	Duquoin.	8, 578	5, 620			2, 802
Total.			1, 626, 041	1, 409, 806	87, 545	58, 156	22, 652
LOCAL MINES							
1	Pickneyville Mining Co.	Pickneyville.	3, 630				3, 115
2	Bibb Coal Co.	Pickneyville.	3, 333				3, 333
3	Patrick Coal Co.	Duquoin.	2, 000				1, 820
4	New Moon Mining Co.	Duquoin.	1, 886				1, 886
5	Opposum Hollow Coal Co.	Duquoin.	1, 400				1, 400
6	East Side Coal Co.	Duquoin.	1, 000				915
7	New Jupiter Coal Co.	Duquoin.	1, 000				1, 000
8	Carter Coal Co.	Cutler.	900				900
9	Shakerag Coal Co.	Duquoin.	191				191
10	Schneider Coal Co.	Duquoin.	160				160
11	Justice Coal Co.	Pickneyville.	150				150
Total.			15, 650				14, 870
Total 23 mines.			1, 641, 691	1, 409, 806	87, 545	58, 156	37, 522

NINTH DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines— number in use	Motors—number in use	Tons mined		Number animals underground	Acci- dents	
Tons consumed or wasted at the mine	All coal not sold including loss			Powder— kegs	Dynamite— pounds	Permissibles— pounds			By hand	By machine		Killed	Injured
12, 230	5, 136	630	38			58, 325	18	12	35, 080	447, 074	19	41	1
3, 735		243	128	2, 912			9	2	13, 790	172, 348	16	1	10
14, 447		323	139	2, 376			9	3		181, 117	16	1	22
5, 973		62	149									1	5
543		81	123	6, 250									3
703	394	262	95	5, 544				2	113, 737		15	1	18
		50	100		2, 000							1	6
3, 000		418	45			10, 475	16	10	13, 531	78, 954	30	1	8
630		76	183	3, 727					76, 811		4		2
930		136	75	448					41, 972		10		2
		81	36	40			4	1		17, 000	6		11
156		44	66	400					8, 578		2		3
42, 352	5, 530	2, 406	98	21, 697	2, 000	68, 800	56	30	303, 499	896, 493	118	6	120
515		11	100	200					3, 630				1
		9	71	166					3, 333				2
180		4	150	60					2, 000				3
		4	125	32					1, 886				4
		5	100						1, 400				5
85		6	90	30					1, 000				6
		6	100	79					1, 000				7
		2	150	45					900				8
		2	60	8					191				9
		3	60	8					160				10
		1	60	10					150				11
780		53	97	638					15, 650				
43, 132	5, 530	2, 459	98	22, 335	2, 000	68, 800	56	30	319, 149	896, 493	118	6	120

RANDOLPH COUNTY

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
SHIPPING MINES							
1	Moffat Coal Co.	Sparta.	247, 224	19, 562	223, 493		
2	St. Louis Coal Co.	Coulterville.	143, 314	135, 984	2, 500		
3	Jones Bros. Coal Co., No. 2.	Tilden.	96, 554	89, 882			4, 250
4	Willis Coal Mining Co., No. 7.	Sparta.	78, 137	76, 783			
5	Sparta C. & M. Co., No. 4.	Sparta.	48, 255	21, 180	24, 028		50
Total.			613, 484	343, 391	250, 021		4, 300
LOCAL MINES							
1	Lemon and McKelvie.	Sparta.	10, 000				8, 400
2	Sindicate Mining Co.	Percy.	10, 000				9, 600
3	Blair Coal Co.	Sparta.	6, 740				6, 440
4	Wilson Coal Co.	Sparta.	5, 956				5, 856
5	Crain Coal Co.	Percy.	6, 000				5, 700
6	Thos. Campbell Coal Co.	Sparta.	5, 460				4, 408
7	Harris and Roberts.	Sparta.	3, 019				2, 869
8	Heinen Coal Co.	Khuline.	1, 900				1, 900
Total.			49, 075				45, 173
Total 13 mines.			662, 559	343, 391	250, 021		49, 473

WASHINGTON COUNTY

SHIPPING MINES							
1	Centralia Coal Co., No. 5	Centralia	226, 423	32, 994	178, 623		7, 697
2	Clarkson C. & M. Co., No. 1	Nashville	65, 736	9, 984		43, 752	10, 000
Total			292, 159	42, 978	178, 623	43, 752	17, 697
LOCAL MINES							
1	Darmstadt Coal Co.	Lenzburg	6, 000				5, 000
2	Venedy Coal Co.	Venedy	3, 700				3, 000
3	Kuhn Coal Co.	DuBois	777				518
Total			10, 477				8, 518
Total 5 mines			302, 636	42, 978	178, 623	43, 752	26, 215

NINTH DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined		Number animals underground	Accidents	
Tons consumed or wasted at the mine	All coal not sold including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine		Killed	Injured
4,169	423	93	3,687	.....	.....	25	5	.....	247,224	35	7	1
4,830	259	87	1,625	.....	300	12	1	.....	143,314	16	16	2
2,422	207	112	3,863	.....	.....	2	2	96,554	.....	8	8	3
1,354	219	81	947	250	.....	10	.....	1,419	76,718	12	1	3
1,752	1,245	142	74	800	.....	.....	8	2	6,893	41,362	14	.....	2
14,527	1,245	1,250	89	10,922	250	300	55	10	104,866	508,618	85	1	36
1,600	14	165	274	.....	.....	1	.....	6,226	3,774	.....	.....	1
400	10	250	400	.....	.....	.....	.....	10,000	.....	.....	.....	2
300	8	290	275	.....	.....	.....	.....	6,740	.....	.....	.....	3
100	17	61	212	.....	.....	.....	.....	5,956	.....	.....	.....	4
300	5	200	60	.....	.....	1	.....	.....	6,000	.....	.....	5
1,052	10	119	199	.....	.....	.....	.....	5,460	.....	.....	.....	6
150	10	172	148	.....	.....	.....	.....	3,019	.....	.....	.....	7
.....	5	127	44	.....	.....	.....	.....	1,900	.....	.....	.....	8
3,902	79	173	1,612	.....	.....	2	.....	39,301	9,774	.....	.....	.....
18,429	1,245	1,329	131	12,534	250	300	57	10	144,167	518,392	85	1	36

NINTH DISTRICT

6,728	381	495	119	2,527	.....	19,850	19	22	66,161	160,262	.....	44	1
2,000	.....	113	144	650	.....	.....	5	2	.....	65,736	7	5	2
8,728	381	608	132	3,177	.....	19,850	24	24	66,161	225,998	7	.....	49
1,000	.....	4	240	100	.....	.....	.....	.....	6,000	.....	.....	1	1
700	.....	6	144	100	.....	.....	.....	.....	3,700	.....	.....	1	2
259	.....	25	12	28	.....	.....	.....	.....	777	.....	.....	.....	3
1,959	.....	35	132	228	.....	.....	.....	.....	10,477	.....	.....	.....	2
10,687	381	643	132	3,405	.....	19,850	24	24	76,638	225,998	7	.....	51

SHIPPING MINES, RECAPITULATION

County	Number of mines	Total	Disposition of output—tons					
			Loaded on cars for shipment	Sold to railroad companies	Supplied to locomotives	Sold to local trade	Used at the mines	All coal not sold June 30, in- cluding waste
Jackson.....	5	962,868	817,830	138,629	.....	1,647	4,762	.....
Perry.....	12	1,626,041	1,409,806	87,545	58,156	22,652	42,352	5,530
Randolph....	5	613,484	343,391	250,021	.....	4,300	14,527	1,245
Washington...	2	292,159	42,978	178,623	43,752	17,697	8,728	381
Total....	24	3,494,552	2,614,005	654,818	101,908	46,296	70,369	7,156

LOCAL MINES, RECAPITULATION

Jackson.....	18	44,431	.....	.....	.....	42,096	2,335	.....
Perry.....	11	15,650	.....	.....	.....	14,870	780	.....
Randolph....	8	49,075	.....	.....	.....	45,173	3,902	.....
Washington...	3	10,477	.....	.....	.....	8,518	1,959	.....
Total....	40	119,633	.....	.....	.....	110,657	8,976	.....

RECAPITULATION, ALL MINES

Jackson.....	23	1,007,299	817,830	138,629	.....	43,743	7,097	.....
Perry.....	23	1,641,691	1,409,806	87,545	58,156	37,522	43,132	5,530
Randolph....	13	662,559	343,391	250,021	.....	49,473	18,429	1,245
Washington...	5	302,636	42,978	178,623	43,752	26,215	10,687	381
Total....	64	3,614,185	2,614,005	654,818	101,908	156,953	79,345	7,156

BY COUNTIES, NINTH DISTRICT

Employees			Explosives used for blasting coal			Days of active operation	Number of mining machines used	Tons mined		Number of motors in use	Number of animals underground	Accidents	
Underground	On surface	Total	Kegs of powder	Pounds of dynamite	Pounds of permissible explosives			By hand	By machine			Killed	Injured
650	258	908	1,439	304,850	78,075	127	23	2,000	348,144	23	9	1	43
2,002	404	2,406	21,697	2,000	68,800	98	56	303,499	896,493	30	118	6	120
1,165	85	1,250	10,922	250	300	89	55	104,866	508,618	10	85	1	36
555	53	608	3,177	.....	19,850	132	24	66,161	225,998	24	7	....	49
4,372	800	5,172	37,235	307,100	167,025	104	158	476,526	1,979,253	87	219	8	248

BY COUNTIES, NINTH DISTRICT

129	16	145	1,898	.....	.....	127	2	34,077	10,354	.....	.....	.....	.....
44	9	53	638	.....	.....	97	.....	15,650	.....	.....	.....	.....	.....
64	15	79	1,612	.....	.....	173	2	39,301	9,774	.....	.....	.....	.....
29	6	35	228	.....	.....	132	.....	10,477	.....	.....	.....	.....	2
266	46	312	4,376	.....	.....	128	4	99,505	20,128	.....	.....	.....	2

BY COUNTIES, NINTH DISTRICT

779	274	1,053	3,337	304,850	78,075	127	25	36,077	358,498	23	9	1	43
2,046	413	2,459	22,335	2,000	68,800	98	56	319,149	896,493	30	118	6	120
1,229	100	1,329	12,534	250	300	131	57	144,167	518,392	10	85	1	36
534	59	643	3,405	.....	19,850	132	24	76,638	225,998	24	7	....	51
4,638	846	5,484	41,611	307,100	167,025	119	162	576,031	1,999,381	87	219	8	250

TENTH DISTRICT

*Hon. A. D. Lewis, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Tenth Inspection District, comprising the coal producing counties of Franklin and Jefferson, for the year ended December 31, 1927.

The following is a summary of the items shown in the report:

Number of counties producing coal.....	2
Number of shipping mines.....	20
Number of employees underground.....	13,915
Number of employees on surface.....	1,440
Total number of employees.....	15,355
Total tons of coal produced.....	10,406,041
Days operated, shipping mines, average.....	118
Number of fatal accidents.....	19
Number of non-fatal accidents.....	1,117
Number of employees to each fatal accident.....	808
Number of employees to each non-fatal accident.....	14
Tons of coal produced to each fatal accident.....	547,686
Tons of coal produced to each non-fatal accident.....	9,316
Ratio of fatal accidents per 1,000 employed.....	1.24
Ratio of non-fatal accidents per 1,000 employed.....	72.75

RE-OPENED MINES

Southern Gem Coal Corporation Mine No. 1 was re-opened and operated as the Brewerton Coal Co. Mine No. 21.

FATAL ACCIDENTS

January 4, Ethan Penrod, driver, age 38 years, married, was run over by pit car and killed in Franklin County Mining Company's mine. He leaves a widow and four children.

January 8, Debs McGowan, trip rider, age 20 years, single, was killed in Industrial Coal Company's No. 18 mine. Deceased was found lying by the side of his trip with his skull fractured, and it is supposed he was in the act of cutting his car and got caught between the car and tail light.

January 7, Ross Annear, trip rider, age 30 years, married, died from injuries received December 30, when he was caught between car and trap door, in Bell and Zollar Coal Mining Company's No. 2 mine. He leaves a widow and three children.

January 10, Malcolm White, machine runner, age 35 years, married, came in contact with trolley wire and was electrocuted, in Old Ben Coal Corporation's No. 14 mine. He leaves a widow and one child.

January 17, Joe Alrich, shot firer, age 51 years, single, was killed by a fall of rock in Old Ben Coal Corporation's No. 8 mine.

January 21, Ettore Ballestri, machine man, age 42 years, single, died from injuries received the day previous, by being struck with a bar while helping to move a machine, in Old Ben Coal Corporation's No. 8 mine.

February 6, Charles Mikutis, loader, age 42 years, married, died from injuries received the previous day in Chicago, Wilmington and Franklin Coal Company's No. 1 mine, by being caught between the coal rib and pit-car. He leaves a widow and three children.

February 25, Anthony Hogan, trip rider, age 29 years, married, was killed in Industrial Coal Company's No. 18 mine by being caught between pit-cars while coupling. He leaves a widow and two children.

March 8, Herbert Williams, loader, age 21 years, married, was killed by a fall of rock in Old Ben Coal Corporation's No. 15 mine. He leaves a widow and one child.

March 12, John Menar, miner, age 55 years, married, was caught between pit-car and coal face and crushed to death, in Valier Coal Company's mine. He leaves a widow.

March 29, Buel Blazekovich, loader, age 50 years, married, was struck by a piece of coal rolling from the face and killed, in Bell and Zollar Coal and Mining Company's No. 1 mine. He leaves a widow.

October 29, Dominic Melchoir, wire man, age 54 years, married, was caught between a car and coal rib and instantly killed, in Old Ben Coal Corporation's No. 8 mine. He leaves a widow and three children.

November 8, Lester Snyder, miner, age 23 years, married, was instantly killed in Franklin County Coal Company's No. 5 mine, by a fall of coal. He leaves a widow.

November 17, Herbert Willmore, machine helper, age 32 years, married, was killed by falling coal in Old Ben Coal Corporation's No. 8 mine. He leaves a widow and three children.

November 29, Carl Mosley, trip rider, age 23 years, married, was killed by being run over by a motor in Chicago, Wilmington & Franklin Coal Company's No. 2 mine. He leaves a widow and one child.

December 6, Terry Richards, trip rider, age 40 years, married, was struck by a motor and killed in Industrial Coal Company's mine No. 18. He leaves a widow and four children.

December 6, John Klanich, loader, age 43 years, single, died

from injuries received three days previous by being caught by a fall of coal, in Old Ben Coal Corporation's No. 8 mine.

December 13, John Verhovich, miner, age 41 years, single, was instantly killed by a fall of rock, in Old Ben Coal Corporation's No. 15 mine.

December 29, W. H. Ford, motorman, age 26 years, married, died from injuries sustained the day before by being run over by pit-cars, in Industrial Coal Company's No. 18 mine. He leaves a widow and two children.

Respectfully submitted,

JAMES SNEDDON,

Inspector.

FATAL CASUALTIES, TENTH DISTRICT, 1927.

Date	Name	Age	Occupation	Residence	Name of operator of mine	No. or letter of mine	Married	Single	Widow	Children	Dependents	Cause of death
Jan. 4	Ethan Penrod	38	Driver	Benton	Franklin Co. M. Co.	18	✓	✓	✓	✓	4	5 Pit car
Jan. 6	Debs McGowan	20	Trip rider	West Frankfort	Industrial C. Co.	2	✓	✓	✓	✓	3	2 Pit cars
Jan. 7	Ross Amear	30	Trip rider	Christopher	Bell & Zoller C. & M. Co.	14	✓	✓	✓	✓	3	4 Pit car
Jan. 10	Malcomb White	35	Machine man	Benton	Old Ben C. Corp.	8	✓	✓	✓	✓	1	2 Electrocutd
Jan. 17	Joe Alrich	51	Shot firer	W. Frankfort	Old Ben C. Corp.	8	✓	✓	✓	✓	✓	Falling rock
Jan. 21	Ettore Ballestri	42	Machine man	W. Frankfort	Old Ben C. Corp.	1	✓	✓	✓	✓	3	Mining machine
Feb. 6	Charles Mitulis	29	Loader	W. Frankfort	C. W. & F. C. Co.	18	✓	✓	✓	✓	2	4 Pit car
Feb. 25	Anthony Hogan	21	Trip rider	W. Frankfort	Industrial C. Co.	15	✓	✓	✓	✓	1	2 Falling coal
Mar. 8	Herbert Williams	21	Loader	Ezra	Old Ben C. Corp.	1	✓	✓	✓	✓	✓	1 Pit car
Mar. 12	John Menar	55	Miner	Valier	Valier Coal Co.	1	✓	✓	✓	✓	✓	1 Falling coal
Mar. 20	Buel Blaehovich	50	Wireman	Zeigler	Bell & Zoller C. & M. Co.	8	✓	✓	✓	✓	3	4 Pit cars
Oct. 28	Dominic Melchior	54	Loader	Sesser	Old Ben C. Corp.	5	✓	✓	✓	✓	✓	1 Falling coal
Nov. 18	Leaser Snyder	23	Miner	Herrin	Franklin Co. C. Co.	8	✓	✓	✓	✓	3	4 Falling coal
Nov. 17	Herbert Willmore	32	Machine man	W. Frankfort	Old Ben C. Corp.	2	✓	✓	✓	✓	✓	2 Motor
Nov. 29	Carl Mosley	23	Trip rider	W. Frankfort	C. W. & F. C. Co.	18	✓	✓	✓	✓	4	5 Motor
Dec. 6	Terry Richards	40	Trip rider	W. Frankfort	Industrial C. Co.	8	✓	✓	✓	✓	✓	Falling coal
Dec. 6	John Klantich	43	Loader	W. Frankfort	Old Ben C. Corp.	15	✓	✓	✓	✓	✓	Falling rock
Dec. 13	John Vernovich	41	Miner	Ezra	Old Ben C. Corp.	18	✓	✓	✓	✓	2	3 Pit cars
Dec. 29	W. H. Ford	26	Motorman	W. Frankfort	Industrial C. Co.	18	✓	✓	✓	✓	✓	✓

NON-FATAL ACCIDENTS, TENTH DISTRICT.

Name of operator	Time lost by men returned—days		Occupation		Time lost by men returned—days		Cause of injury	Number injured	Number not returned	Time lost by men returned—days		Number injured	Number not returned	Time lost by men returned—days			
	Number injured	Number returned	Total	Average	Number injured	Number returned				Total	Average			Number injured	Number returned	Total	Average
Bell & Zollar M. Co., No. 1	155	...	2,612	17 Blacksmith.	5	1	110	27 Cage...	1	...	15	15	...	...	
Bell & Zollar M. Co., No. 2	58	...	845	15 Cager.	2	1	15	15 Falls of roof and sides.	227	2	6,587	29	...	...	
Black Star Coal Co.	31	...	500	16 Carpenter.	6	2	73	18 Fall of person.	66	...	1,542	23	...	...	
Brewerton C. Co., No. 21	13	...	405	31 Coupler.	1	...	10	10 Gas explosion.	...	...	15	15	...	...	
C. W. & F. C. Co., No. 1	76	1	2,586	34 Driver.	13	...	354	27 Haulage.	...	...	3	5,554	36	...	
C. W. & F. C. Co., No. 2	125	...	3,895	31 Electrician.	9	...	354	39 Lifting.	159	3	3,688	20	...	...	
Franklin Co. C. Co., No. 5	28	2	559	21 Fireman.	3	...	51	17 Machinery.	185	5	2,776	33	...	...	
Franklin Co. C. Co., No. 7	65	2	1,992	32 Foreman.	3	...	131	44 Powder.	41	2	1,276	33	...	...	
Franklin Co. M. Co.	37	...	745	20 Laborer.	54	3	1,608	32 Struck by objects.	385	17	7,891	21	...	...	
Ill. Coal Corp., No. 10	4	...	95	24 Loader.	53	13	15,541	24 Miscellaneous.	21	...	504	24	...	...	
Industrial C. Co., No. 18	61	1	2,275	38 Machineman.	95	4	2,584	28 Not stated.	...	...	624	21	...	...	
Industrial C. Co., No. 19	29	...	838	29 Miner.	68	1	1,882	...	...	...	...	...	...	...
Old Ben C. Corp., No. 8	72	...	2,074	29 Motorman.	19	1	332	...	...	...	...	...	...	...
Old Ben C. Corp., No. 9	4	...	95	24 Shot firer.	1	...	13	...	...	...	...	...	...	...
Old Ben C. Corp., No. 11	70	...	1,559	22 Timberman.	21	1	433	...	...	...	...	...	...	...
Old Ben C. Corp., No. 12	46	1	1,206	27 Trackman.	46	...	1,076	...	...	...	...	...	...	...
Old Ben C. Corp., No. 14	74	...	2,285	31 Trapper.	6	...	157	...	...	...	...	...	...	...
Old Ben C. Corp., No. 15	29	1	1,024	37 Trip rider.	90	1	2,692	...	...	...	...	...	...	...
Valley Coal Co.	71	...	1,081	15 Miscellaneous.	22	1	469	...	...	...	...	...	...	...
Western C. & M. Co.	69	21	1,154	24	...	...	...	...	...	...	...	...	...	...
Total	1,117	29	27,825	26	1,117	29	27,825	26	1,117	29	27,825	26	1,117	29	27,825	26	

FRANKLIN COUNTY

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
1	C. W. & F. Coal Co., No. 2...	W. Frankfort.....	1,528,888	1,214,999	279,256	.....	8,504
2	Bell & Zoller M. Co., No. 1...	Ziegler.....	1,071,508	808,143	205,672	.....	8,280
3	Bell & Zoller M. Co., No. 2...	Ziegler.....	963,497	764,522	137,564	.....	1,986
4	C. W. & F. Coal Co., No. 1...	Orient.....	775,797	667,049	82,945	.....	1,117
5	Old Ben C. Corp., No. 8.....	W. Frankfort.....	710,894	639,108	64,207	.....	7,190
6	Valier Coal Co., No. 1.....	Valier.....	602,304	.....	597,844	.....	3,047
7	Franklin Co. C. Co., No. 7...	Royalton.....	570,084	459,732	93,729	696	4,683
8	Old Ben C. Corp., No. 11....	W. Frankfort.....	552,974	469,443	41,305	.....	3,609
9	Old Ben C. Corp., No. 14....	Buckner.....	533,731	442,746	69,619	.....	4,863
10	Industrial Coal Co., No. 18...	W. Frankfort.....	476,081	470,191	.....	.....	1,460
11	Franklin Co. Coal Co., No. 5...	Herrin.....	447,754	406,531	30,164	.....	2,898
12	Western C. & M. Co., No. 2...	Bush.....	421,792	40	405,288	.....	3,568
13	Industrial Coal Co., No. 19...	W. Frankfort.....	420,943	414,850	.....	.....	3,413
14	Old Ben C. Corp., No. 15....	Ezra.....	359,992	269,422	70,999	.....	916
15	Old Ben C. Corp., No. 12....	Christopher.....	331,216	244,232	73,525	.....	5,679
16	Franklin Co. M. Co.....	Benton.....	265,989	227,961	15,333	.....	19,041
17	Brewerton Coal Co., No. 21...	W. Frankfort.....	189,025	172,208	7,420	.....	3,326
18	Black Star Coal Co.....	Logan.....	113,495	70,068	36,634	.....	1,561
19	Old Ben Coal Corp., No. 9...	W. Frankfort.....	24,917	16,319	7,622	.....	500
Total.....			10,360,881	7,757,564	2,219,126	696	85,641

JEFFERSON COUNTY

SHIPPING MINES						
1	Illinois Coal Corp., No. 10...	Nason.....	45,160	32,914	3,093	1,498

TENTH DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined		Number animals underground	Accidents		
Tons consumed or wasted at the mine	All coal not sold including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine		Killed	Injured	Number
2,051	24,078	1,902	132			169,275	86	44		1,528,888				
11,975	37,438	1,300	134			117,125	51	35		1,053,704		1	125	1
16,833	42,592	1,175	128			113,700	40	29	17,804		2	1	155	2
11,412	13,274	1,039	126			89,250	48	24	4,696	958,801	1	1	58	3
.....	389	873	135			77,600	40	23	1,975	773,822		1	76	4
1,413	.....	850	102			73,750	46	19	1,405	709,490	1	5	72	5
7,219	4,025	784	134			76,925	34	19	16,157	586,147		1	71	6
608	38,009	751	132			58,375	37	22	38,723	531,361	4	.....	65	7
550	15,953	890	111			67,025	40	24	9,605	543,369	1	.....	70	8
725	3,705	775	138			90,875	46	23	5,445	528,286	1	1	74	9
7,541	620	672	127			84,075	21	4		476,081	1	4	61	10
12,720	176	736	115	465		89,425	27	26	77,869	369,885	33	1	28	11
2,680	.....	600	142			59,225	20	3	90,962	330,830		.....	69	12
3,651	15,004	470	122			51,450	24	13		420,943	34	.....	29	13
39	7,741	587	106			38,675	27	18		359,992		2	29	14
2,401	1,253	472	113			35,950	21	9	6,225	324,991	2	.....	46	15
4,620	1,451	350	126			24,850	15	12		265,989	20	1	37	16
2,070	3,162	209	114			16,100	8	2		189,025	1	.....	13	17
126	350	799	6			1,300	31	15		113,495	8	.....	31	18
										24,917	1	.....	4	19
88,634	209,220	15,234	118	465		1,334,950	662	314	270,865	10,090,016	110	19	1113	

TENTH DISTRICT

7,655	121	39	3,825	4	5	45,160	4	1
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SHIPPING MINES, RECAPITULATION

County	Number of mines	Total	Disposition of output—tons					
			Loaded on cars for shipment	Sold to railroad companies	Supplied to locomotives	Sold to local trade	Used at the mines	All coal not sold June 30, in- cluding waste
Franklin.	19	10,360,881	7,757,564	2,219,126	696	85,641	88,634	209,220
Jefferson.	1	45,160	32,914	3,093	.....	1,498	7,655	.....
Total.	20	10,406,041	7,790,478	2,222,219	696	87,139	96,289	209,220

BY COUNTIES, TENTH DISTRICT

Employees			Explosives used for blasting coal			Days of active operation	Number of mining machines used	Tons mined		Number of motors in use	Number of animals underground	Accidents	
Underground	On surface	Total	Kegs of powder	Pounds of dynamite	Pounds of permissible explosives			By hand	By machine			Killed	Injured
13,812 103	1,422 18	15,234 121	465 .....	.....	1,334,950 3,825	118 39	662 4	270,865	10,090,016 45,160	314 5	111	19	1113 4
13,915	1,440	15,355	465	.....	1,338,775	114	666	270,865	10,135,176	319	111	19	1117

ELEVENTH DISTRICT

*Hon. A. D. Lewis, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Eleventh Inspection District, comprising the coal producing counties of Gallatin, Saline, Wabash and White, for the year ended December 31, 1927.

The following is a summary of the items shown in the report:

Number of counties producing coal.....	4
Number of shipping mines.....	24
Number of local mines.....	38
Number of employees underground.....	5,940
Number of employees on surface.....	740
Total number of employees.....	6,680
Total tons of coal produced.....	3,300,131
Days operated, shipping mines, average.....	106
Days operated, local mines, average.....	84
Number of fatal accidents.....	18
Number of non-fatal accidents.....	368
Number of employees to each fatal accident.....	371
Number of employees to each non-fatal accident.....	18
Tons of coal produced to each fatal accident.....	183,341
Tons of coal produced to each non-fatal accident.....	8,895
Ratio of fatal accidents per 1,000 employed.....	2.69
Ratio of non-fatal accidents per 1,000 employed.....	55.09

NEW AND RE-OPENED MINES

Harrisburg Coal Mining Company Nos. 8 and 9 mines.
Saline Gas Coal Company's No. 3 mine.

CLOSED MINES

Dodd Coal Company.

CHANGE OF NAME

Equality Coal Company, to Saline Gas Coal Co. No. 4.
Inter-State Fuel Co., to Fireband Fuel Co.

FATAL ACCIDENTS

March 12, Jacob Karner, miner, age 50 years, married, was killed by a fall of coal in Saline County Coal Corporation's No. 7 mine. He leaves a widow and two children.

March 26, Edward Moorehead, miner, age 52 years, married, was killed in O'Gara Coal Company's No. 12 mine by a fall of slate. He leaves a widow and one child.

March 30, an explosion of gas occurred in the No. 2 mine of the Saline County Coal Corporation in which eight men lost their lives. The information concerning these men follows:

Claud Lunch, age 26, leaves a widow and one child.

William Felber, age 44, leaves a widow and three children.

George Ambrose, age 25, single.

Cecil Reynolds, age 19, single.

Lee Morris, age 30, leaves a widow and three children.

Simon Simaitis, age 48, leaves a widow and three children.

Peter Dorris, age 56, leaves a widow and one child.

Joseph Toth, age 44, leaves a widow.

April 6—Ira W. Gibson, assistant manager, age not given, married, was electrocuted in O'Gara Coal Company's No. 8 mine. He leaves a widow and one child.

September 9, Thomas Lippiatt, miner, age 22 years, married, was killed by a fall of rock, in Saline County Coal Corporation's No. 7 mine. He leaves a widow and one child.

October 11, Melvin Graves, miner, age 45 years, married, died from injuries received the day before by a fall of rock in O'Gara Coal Company's No. 1 mine. He leaves a widow.

October 19, John Nozzy, miner, age 44 years, single, died from injuries received the day before, in Wasson Coal Company's No. 1 mine. Deceased suffered a severe rupture caused from lifting a heavy lump of coal onto a car which he was loading. He was taken to the hospital and operated upon, but without beneficial result.

October 21, Charles Vinyard, miner, age 22 years, married, was caught in a mining machine and killed, in J. K. Dering Coal Company's mine. He leaves a widow and one child.

November 22, Jesse Russel, miner, age 24 years, single, was killed in Saline County Coal Corporation's No. 4 mine, by falling in front of trip and being run over by a car. He leaves his mother and sister dependent.

December 1, Aron Franklin, miner, age 35 years, married, died from injuries received the day before, in O'Gara Coal Company's No. 1 mine. Deceased was standing in entrance to room when driver passed by with some cars, on one of which was a pair of rails. The rails struck a prop and swung around, striking him, resulting in his death. He leaves a widow and one child.

December 2, Albert Harris, trackman, age 53 years, married, died from injuries received one week earlier when caught between motor and trap door in Saline County Coal Corporation's No. 4 mine. He leaves a widow.

Respectfully submitted,

GEORGE BAGWILL,

Inspector.

FATAL CASUALTIES, ELEVENTH DISTRICT, 1927.

Date	Name	Age	Occupation	Residence	Name of operator of mine	No. or letter of mine	Married	Single	Widow	Children	Dependents	Cause of death
Mar. 12	Jacob Karner	50	Miner	Galatia	Saline Co. C. Corp.	7	✓	✓	✓	✓	2	3 Falling coal
Mar. 26	Edward Moorehead	52	Miner	Harrisburg	O'Gara C. Co.	12	✓	✓	✓	✓	1	2 Falling slate
Mar. 30	Joseph Toth	44	Miner	Ledford	Saline Co. C. Corp.	2	✓	✓	✓	✓	1	1 Gas explosion
Mar. 30	Peter Dorris	44	Miner	Ledford	Saline Co. C. Corp.	2	✓	✓	✓	✓	1	2 Gas explosion
Mar. 30	Simon Simatius	36	Miner	Ledford	Saline Co. C. Corp.	2	✓	✓	✓	✓	3	4 Gas explosion
Mar. 30	Lee Morris	48	Miner	Ledford	Saline Co. C. Corp.	2	✓	✓	✓	✓	3	4 Gas explosion
Mar. 30	Cecil Reynolds	30	Miner	Ledford	Saline Co. C. Corp.	2	✓	✓	✓	✓	✓	1 Gas explosion
Mar. 30	George Ambrose	19	Miner	Ledford	Saline Co. C. Corp.	2	✓	✓	✓	✓	✓	1 Gas explosion
Mar. 30	Wm. Felber	23	Miner	Ledford	Saline Co. C. Corp.	2	✓	✓	✓	✓	3	4 Gas explosion
Mar. 30	Claud Lunch	44	Miner	Ledford	Saline Co. C. Corp.	2	✓	✓	✓	✓	1	2 Gas explosion
Apr. 6	Ira W. Gibson	26	Miner	Eldorado	O'Gara C. Co.	8	✓	✓	✓	✓	1	2 Electrocutted
Apr. 9	Thomas Lippnatt	a	Asst. manager	Harrisburg	Saline Co. C. Corp.	7	✓	✓	✓	✓	1	2 Falling rock
Sept. 11	John Graves	22	Miner	Harrisburg	O'Gara Coal Co.	1	✓	✓	✓	✓	✓	1 Falling coal
Oct. 19	John Nozzy	45	Miner	Luddy	Wasson C. Co.	1	✓	✓	✓	✓	2	Lifting coal—rupture
Oct. 21	Charles Vinyard	22	Miner	Eldorado	J. K. Dering C. Co.	4	✓	✓	✓	✓	1	2 Loading machine
Nov. 22	Jesse Russell	34	Miner	Carriers Mills	Saline Co. C. Corp.	1	✓	✓	✓	✓	1	2 Pit cars
Dec. 1	Aron Franklin	35	Miner	Harrisburg	O'Gara C. Co.	1	✓	✓	✓	✓	1	2 Struck by rail
Dec. 2	Albert Harris	53	Trackman	Carriers Mills	Saline Co. C. Corp.	4	✓	✓	✓	✓	1	1 Caught between motor and door

a Not reported

NON-FATAL ACCIDENTS, ELEVENTH DISTRICT.

Name of operator	Number injured	Time lost by men returned—days		Number not returned	Occupation	Number injured	Number not returned	Time lost by men returned—days		Cause of injury	Number injured	Number not returned	Time lost by men returned—days	
		Total	Average					Total	Average				Total	Average
Dering Coal Co.	15	461	31	1	Carpenter	1	1	35	35	Falls of roof and sides	65	4	1,781	29
Ferland C. Co.	10	133	15	4	Coupler	4	4	175	175	Fall of person	15	1	515	37
Harrisburg C. Co., No. 1	4	35	12	31	Driver	31	31	928	928	Gas explosion	7	7	409	58
Harrisburg C. Co., No. 2	9	67	10	1	Electrician	1	1	16	16	Haulage	87	7	2,593	32
Harrisburg C. Co., No. 4	5	154	31	2	Foreman	2	2	107	107	Lifting	81	1	1,714	21
Harrisburg C. Co., No. 9	7	78	13	2	Laborer	2	2	382	382	Machinery	7	7	185	26
O'Gara C. Co., No. 1	34	649	19	208	Loader	208	4	5,067	5,067	Struck by objects	83	3	1,742	21
O'Gara C. Co., No. 3	17	284	17	39	Machine man	39	2	852	852	Miscellaneous	11	11	235	21
O'Gara C. Co., No. 8	6	128	21	11	Motor man	11	2	204	204	Not stated	12	12	348	29
O'Gara C. Co., No. 10	11	238	22	2	Spragger	2	2	54	54					
O'Gara C. Co., No. 12	17	304	18	2	Timberman	2	2	204	204					
O'Gara C. Co., No. 15	5	82	16	10	Trackman	10	3	287	287					
Saline Co. C. Corp., No. 2	20	845	42	3	Tripper	3	3	723	723					
Saline Co. C. Corp., No. 3	44	1,275	31	21	Miscellaneous	21	1	488	488					
Saline Co. C. Corp., No. 4	21	471	24	17		17	2							
Saline Co. C. Corp., No. 6	1	31	31											
Saline Co. C. Corp., No. 7	40	1,671	43											
Saline Gas C. Co., No. 3	5	85	21											
Saline Gas C. Co., No. 4	14	622	41											
Saline River C. Co.	7	119	17											
Saline Valley C. Co.	3	67	22											
Wasson C. Co., No. 1	54	1,022	20	4										
Wasson C. Co., No. 2	19	701	39	1										
Total	368	9,522	27	16		368	16	9,522	27		368	16	9,522	27

GALLATIN COUNTY

Number	Name of operator	Postoffice address the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
SHIPPING MINES							
1	Saline Gas Coal Co., No. 4	Equality	26, 253	24, 900		1, 200	153
2	Saline River Coal Co.	Junction	19, 028	17, 500			
Total			45, 281	42, 400		1, 200	153
LOCAL MINES							
1	Pekin Coal Co.	Equality	12, 361				12, 061
2	Louis Beeler	Shawneetown	3, 669				3, 609
3	John O. Baldwin	Equality	616				616
4	Koker and Williams	Shawneetown	500				450
5	W. B. Dickson	Junction	480				480
6	Thornton Colbert	Equality	400				400
7	Scarbrough and Monroe	Junction	360				340
8	Ed. Tite	Junction	327				327
9	E. Shaver and Sons	Equality	280				280
10	Jim Jennings	Equality	236				236
11	Sam Black	Junction	175				175
12	Logsdon and Son	Saline Mines	125				125
13	Ernest Schneider	Sparks Hill	124				124
14	George Potter	Equality	72				72
15	Hina and Young	Saline Mines	67				67
16	C. C. Wathen	Equality	36				36
17	J. Sick, Jr. and Bros.	Junction	23				23
Total			19, 851				19, 421
Total 19 mines			65, 132	42, 400		1, 200	19, 574

SALINE COUNTY

SHIPPING MINES							
1	Saline Co. C. Corp., No. 7	Harco	451, 962	424, 845	12, 208		3, 106
2	Saline Co. C. Corp., No. 3	Harrisburg	414, 108	383, 383	19, 458		4, 996
3	Wasson Coal Co., No. 1	Harrisburg	370, 303	337, 950	18, 547		3, 288
4	O'Gara Coal Co., No. 7	Harrisburg	361, 202	347, 944	5, 343		9
5	O'Gara Coal Co., No. 10	Eldorado	252, 922	214, 014	16, 395		16, 773
6	O'Gara Coal Co., No. 12	Harrisburg	226, 347	186, 102	29, 223		1, 398
7	Saline Co. C. Corp., No. 4	Harrisburg	193, 333	139, 281	50, 926		535
8	O'Gara Coal Co., No. 15	Harrisburg	134, 893	86, 520	43, 406		955
9	J. K. Dering Coal Co., No. 2	Eldorado	131, 267	125, 232			1, 378
10	Wasson Coal Co., No. 2	Harrisburg	109, 764	43, 635	62, 165		689
11	Saline Co. C. Corp., No. 2	Ledford	90, 076	70, 506	16, 810		850
12	O'Gara Coal Co., No. 3	Harrisburg	81, 595	39, 579	36, 675		2, 393
13	Harrisburg C. M. Co., No. 2	Ledford	81, 209	63, 631	14, 068	3, 510	
14	O'Gara Coal Co., No. 8	Harrisburg	69, 488	58, 748	8, 220		27
15	Harrisburg C. M. Co., No. 9	Harrisburg	52, 419	38, 324	13, 825	270	
16	Harrisburg C. M. Co., No. 1	Harrisburg	48, 550	48, 275			275
17	Saline Valley Coal Co., No. 1	Carrier Mills	39, 332	39, 332			
18	Harrisburg C. M. Co., No. 4	Ledford	22, 264	19, 224	2, 878		162
19	Saline Gas Coal Co., No. 3	Ledford	16, 248	9, 738	6, 510		
20	Saline Co. C. Corp., No. 6	Grayson	8, 388		7, 605		240
21	Harrisburg C. M. Co., No. 8	Harrisburg	426	99	327		
Total			3, 156, 096	2, 676, 362	364, 589	3, 780	37, 074

ELEVENTH DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined		Number animals underground	Accidents	
Tons consumed or wasted at the mine	All coal not sold including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine		Killed	Injured
1,350	178	130	81	323			6	2		26,253	10	14	1
		116	52			7,125	6	2		19,028	12	7	2
1,350	178	246	67	323		7,125	12	4		45,281	22	21	
300		17	300	800					12,361				1
60		9	240						3,669				2
		2	53	17					616				3
50		3	80	35					500				4
		1	130	26					480				5
		2	60	32					400				6
20		1	110	20					360				7
		2	90	16					327				8
		3	60	20					280				9
		1	120	15					236				10
		2	60	11					175				11
		2	60	7					125				12
		2	90	10					124				13
		1	18	6					72				14
		2	30	6					67				15
		2	4	1					36				16
		2	10	1					23				17
430		54	90	1,023					19,851				
1,780	178	300	87	1,346		7,125	12	4	19,851	45,281	22	21	

ELEVENTH DISTRICT

7,914	3,889	723	122		37,475	40	24		451,962		2	40	1
4,029	2,242	700	124		35,050	35	25		414,108	12		44	2
7,443	3,075	567	138	2,385		22	9		370,303	39	1	54	3
2,547	5,359	668	130	1,137	14,575	31	5		361,202	60	2	34	4
4,915	825	436	130			20	5		252,922	45		11	5
4,125	5,499	485	113		19,675	17	6		226,347	10	1	17	6
1,536	1,055	324	100		18,125	20	11		193,333		2	21	7
2,242	1,770	330	73	1,149	2,725	20	20		134,893	50		5	8
4,657		137	131			10	18		131,267		1	15	9
3,150	125	233	103	1,110		10	6		109,764	2		19	10
1,550	360	300	65	638	1,325	18	6		90,076	16	8	20	11
2,475	473	369	50	465	3,075	26	7		81,595	50		17	12
		82	146						Strip				9
1,860	633	196	66		5,650	8	3		69,488	35	1	6	14
		120	92			6	3		52,419				7
		81	72		6,000	7	4	16,500	32,050	4			4
		30	235	400		2			39,332	3			3
		81	70		6,000	5	4	3,830	18,434	4			5
		59	124		1,500	3	3		16,248				5
380	163	147	19		1,200	10	3		8,388	15			12
		80	4						Strip				21
48,823	25,468	6,148	100	7,284	152,375	310	162	20,330	3,054,131	345	18	337	

SALINE COUNTY—concluded

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
LOCAL MINES							
1	Lone Star Coal Co.	Carriers Mills.	3,840				3,820
2	Parton and Henshaw	Stone Port.	856				846
3	R. D. Brown	Harrisburg	630				630
4	W. J. Tanner	Carriers Mills.	1,100				1,080
5	Job Ingram	Harrisburg	1,581				1,561
6	Oscar M. Connolly	Harrisburg	850				850
7	J. R. Reynolds.	Equality	733				733
8	J. E. Dempsey.	Junction.	650				625
9	Oscar Sand.	Equality	500				500
10	A. S. Tarlton.	Eagle.	420				420
11	Joe Hobbs.	Equality	400				400
12	Henry Ragsdale.	Equality	300				300
13	J. W. Smith.	Eagle.	150				150
14	Jack Kelley.	Eldorado.	45				45
15	J. A. Collier.	Equality	40				40
16	C. M. Reeder.	Eagle.	10				10
Total.			17,105				17,010
Total 37 mines.			3,173,201	2,676,362	364,589	3,780	54,084

WABASH COUNTY

LOCAL MINES							
1	Bluff Coal Co.	Keensburg	2,297				2,297
2	Chas. Worth	Mt. Carmel	1,200				1,180
3	A. and P. Coal Co.	Mt. Carmel	1,200				1,200
4	Richard Carden	Mt. Carmel	760				760
5	Roderick Coal Co.	Mt. Carmel	150				150
Total			5,607				5,587

WHITE COUNTY

SHIPPING MINES							
1	Fireband Fuel Inc., No. 1....	Norris City	56,191	46,945			5,043

ELEVENTH DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined		Number animals underground	Accidents		Number
Tons consumed or wasted at the mine	All coal not sold including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine		Killed	Injured	
20		5	160	153					3,840					1
10		6	168	143					2,856					2
		6	120	90					2,630					3
20		6	160	115					2,100					4
20		6	91	79					1,581					5
		2	90	15					850					6
		2	90	46					733					7
25		3	55	30					650					8
		2	50	31					500					9
		2	21						420					10
		3	80	30					400					11
		2	150	30					300					12
		1	45	8					150					13
		2	10						45					14
		1	10	3					40					15
		1	5	1					10					16
95		50	82	774					17,105					
48,918	25,468	6,178	92	8,058		152,375	310	162	37,435	3,054,131	345	18	337	

ELEVENTH DISTRICT

		7	100	130					2,297					1
20		6	75	60					1,200					2
		5	156	80					1,200					3
		5	120	38					760					4
		2	37	15					150					5
20		25	98	323					5,607					

ELEVENTH DISTRICT

3,009	1,194	157	102	464			5	1		56,191	13		10	1

SHIPPING MINES, RECAPITULATION

County	Number of mines	Total	Disposition of output—tons					
			Loaded on cars for shipment	Sold to railroad companies	Supplied to locomotives	Sold to local trade	Used at the mines	All coal not sold June 30, including waste
Gallatin.....	2	45,281	42,400	.....	1,200	153	1,350	178
Saline.....	21	3,156,096	2,676,362	364,589	3,780	37,074	48,823	25,468
White.....	1	56,191	46,945	.....	.....	5,043	3,009	1,194
Total....	24	3,257,568	2,765,707	364,589	4,980	42,270	53,182	26,840

LOCAL MINES, RECAPITULATION

Gallatin.....	17	19,851	.....	.....	.....	19,421	430	.....
Saline.....	16	17,105	.....	.....	.....	17,010	95	.....
Wabash.....	5	5,607	.....	.....	.....	5,587	20	.....
Total....	38	42,563	.....	.....	.....	42,018	545	.....

RECAPITULATION, ALL MINES

Gallatin.....	19	65,132	42,400	.....	1,200	19,574	1,780	178
Saline.....	37	3,173,201	2,676,362	364,589	3,780	54,084	48,918	25,468
Wabash.....	5	5,607	.....	.....	.....	5,587	20	.....
White.....	1	56,191	46,945	.....	.....	5,043	3,009	1,194
Total....	62	3,300,131	2,765,707	364,589	4,980	84,288	53,727	26,840

BY COUNTIES, ELEVENTH DISTRICT

Employees			Explosives used for blasting coal			Days of active operation	Number of mining machines used	Tons mined		Number of motors in use	Number of animals underground	Accidents	
Underground	On surface	Total	Kegs of powder	Pounds of dynamite	Pounds of permissible explosives			By hand	By machine			Killed	Injured
218	28	246	323	.....	7, 125	67	12	.....	45, 281	4	22	.....	21
5, 456	672	6, 128	7, 284	.....	152, 375	100	310	20, 330	3, 054, 131	162	345	18	337
134	23	157	464	.....	.....	102	5	.....	56, 191	1	13	.....	10
5, 808	723	6, 531	8, 071	.....	159, 500	98	327	20, 330	3, 155, 603	167	380	18	368

BY COUNTIES, ELEVENTH DISTRICT

49	5	54	1, 023	.....	.....	90	.....	19, 851	.....	.....	.....	.....	.....
45	5	50	774	.....	.....	82	.....	17, 105	.....	.....	.....	.....	.....
18	7	25	323	.....	.....	98	.....	5, 607	.....	.....	.....	.....	.....
112	17	129	2, 120	.....	.....	84	.....	42, 563	.....	.....	.....	.....	.....

BY COUNTIES, ELEVENTH DISTRICT

267	33	300	1, 346	.....	7, 125	87	12	19, 851	45, 281	4	22	.....	21
5, 501	677	6, 178	8, 058	.....	152, 375	92	310	37, 435	3, 054, 131	162	345	18	337
18	7	25	323	.....	.....	98	5	5, 607	56, 191	.....	.....	.....	.....
134	23	157	464	.....	.....	102	.....	.....	.....	1	13	.....	10
5, 920	740	6, 660	10, 191	.....	159, 500	89	327	62, 893	3, 155, 603	167	380	18	368

TWELFTH DISTRICT

*Hon. A. D. Lewis, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Twelfth Inspection District, comprising the coal producing counties of Johnson and Williamson, for the year ended December 31, 1927.

The following is a summary of the items shown in the report:

Number of counties producing coal.....	2
Number of shipping mines.....	31
Number of local mines.....	30
Number of employees underground.....	7,861
Number of employees on surface.....	1,060
Total number of employees.....	8,921
Total tons of coal produced.....	5,043,503
Days operated, shipping mines, average.....	93
Days operated, local mines, average.....	106
Number of fatal accidents.....	19
Number of non-fatal accidents.....	469
Number of employees to each fatal accident.....	470
Number of employees to each non-fatal accident.....	19
Tons of coal produced to each fatal accident.....	265,447
Tons of coal produced to each non-fatal accident.....	10,754
Ratio of fatal accidents per 1,000 employed.....	2.13
Ratio of non-fatal accidents per 1,000 employed.....	52.57

CHANGE OF NAME

Cambria Coal Company, to Ogmores Coal Company.

FATAL ACCIDENTS

January 12, Earl Groves, cager, age 42 years, married, was killed by being thrown off a cage and falling into the sump, in Slogo Coal Company's mine. He leaves a widow.

January 16, Lester McCuan, spragger, age 26 years, married, died from effects of injury received four days earlier, in Slogo Coal Company's mine. Deceased was thrown off the cage and fell into the sump in the same way and at the same time as Earl Groves. He leaves a widow and one child.

January 29, Richard Worth, machine runner, age 28 years, married, was instantly killed in Big Muddy Company's mine, by a fall of coal. He leaves a widow and one child.

February 3, John Sutton, loader, age 54 years, married, was

killed by a fall of rock, in Old Ben Coal Corporation's No. 18 mine. He leaves a widow and one child.

February 21, Joe Polsenello, trackman, age 32 years, single, was killed by falling rock in Pratt Bros. Coal Company's mine.

February 23, William M. Weaver, loader, age 50 years, married, was killed in Cosgrove-Meehan Coal Company's No. 1 mine, by a fall of rock. He leaves a widow and one child.

March 28, Neil Gilbert, miner, age 52 years, married, was killed by a fall of rock in City Lake Coal Company's mine. He leaves a widow and three children.

April 5, Harry Wilson, mine examiner, age 53 years, married, was killed in Consolidated Coal Company's Lake Creek mine by an explosion of gas. He leaves a widow and one child.

August 1, Vito Cusimiono, miner, age 33 years, married, was killed by falling rock in Puritan Coal Company's mine. He leaves a widow and four children.

October 29, Cesare Zanini, shot firer, age 44 years, married, was instantly killed by a fall of rock in Cosgrove-Meehan Coal Company's No. 1 mine. He leaves a widow and two children.

November 8, I. E. Arnold, loader, age 39 years, married, died from the effects of injuries received the day before when he was caught by a fall of rock, in Cosgrove-Meehan Coal Company's No. 1 mine.

November 30, Willis Stricklin, miner, age 50 years, married, was killed in Consolidated Coal Company's Lake Creek mine by falling roof. He leaves a widow and one child.

December 20, an explosion of gas occurred in Cosgrove-Meehan Coal Company's No. 1 mine, Johnston City, by which seven men lost their lives. The cause of the ignition is not known, as all the men working in this section of the mine were killed.

The names and conjugal relations follows:

Wm. R. Jones, age 37 years, married, leaves a widow and three children.

G. Corrotto, age 39, single.

George Grubb, age 40, married, leaves a widow and three children.

Fred Cagle, age 47, married, leaves a widow and one child.

Dave Anderson, age 50, married, leaves a widow.

Almus Lavender, age 26, married, leaves a widow and one child.

Charles Wyatt, age 40, married, leaves a widow and one child.

Respectfully submitted,

ARTHUR W. PLUMLEE,
Inspector.

FATAL CASUALTIES, TWELFTH DISTRICT, 1927.

Date	Name	Age	Occupation	Residence	Name of operator of mine	No. or letter of mine	Married	Single	Widow	Children	Dependents	Cause of death
Jan. 12	Earl Graves	42	Cager	Marion	Slogo Coal Co.		✓		✓		1	Pell into sump
Jan. 16	Lester McCuan	26	Spragger	Marion	Slogo Coal Co.		✓		✓	1	1	Pell into sump
Jan. 20	Richard Worth	28	Machine man	Johnston City	Biguddy Co.		✓		✓	1	2	Falling coal
Feb. 3	John Sutton	54	Loader	Johnston City	Old Ben C. Corp.	18	✓		✓	1	2	Falling rock
Feb. 21	Joe Polsenello	32	Trackman	Herrin	Pratt Bros. C. Co.		✓		✓		1	Falling rock
Feb. 23	William M. Weaver	80	Loader	W. Frankfort	Cosgrove-Meehan C. Co.	1	✓	✓			1	Falling rock
Mar. 28	Nell Gilbert	52	Miner	Marion	City Lake C. Co.		✓		✓	3	4	Falling rock
Apr. 5	Narry Wilson	33	Examiner	Johnston City	Consolidated C. Co.	L. C.	✓		✓		2	Gas explosion
Apr. 20	Vito Cusimono	39	Miner	Marion	Puritan Coal Co.		✓		✓	4	5	Falling rock
Oct. 8	Cesare Zanini	44	Shot firer	Johnston City	Cosgrove-Meehan C. Co.	1	✓		✓	2	3	Falling rock
Nov. 30	L. E. Arnold	37	Loader	Herrin	Cosgrove-Meehan C. Co.	1	✓		✓	4	5	Falling rock
Nov. 30	Willis Stricklin	50	Miner	Johnston City	Consolidated C. Co.	L. C.	✓		✓		1	Falling rock
Dec. 20	Wm. R. Jones	39	Loader	Marion	Cosgrove-Meehan C. Co.	1	✓		✓	3	4	Gas explosion
Dec. 20	G. G. Gorratio	40	Loader	Johnston City	Cosgrove-Meehan C. Co.	1	✓	✓		3	4	Gas explosion
Dec. 20	George Grubb	47	Loader	White ash	Cosgrove-Meehan C. Co.	1	✓		✓	1	2	Gas explosion
Dec. 20	Fred Cagle	47	Loader	Marion	Cosgrove-Meehan C. Co.	1	✓		✓	1	1	Gas explosion
Dec. 20	Dave Anderson	50	Loader	Johnston City	Cosgrove-Meehan C. Co.	1	✓		✓	1	2	Gas explosion
Dec. 20	Almus Lavender	26	Motorman	Marion	Cosgrove-Meehan C. Co.	1	✓		✓	1	2	Gas explosion
Dec. 20	Charles Wyatt	40	Loader	Johnston City	Cosgrove-Meehan C. Co.	1	✓		✓	1	2	Gas explosion

NON-FATAL ACCIDENTS, TWELFTH DISTRICT.

Name of operator	Number injured	Time lost by men returned—days		Number not returned	Occupation	Number injured	Number not returned	Time lost by men returned—days		Cause of injury	Number injured	Number not returned	Time lost by men returned—days	
		Total	Average					Total	Average				Total	Average
Big Muddy Co.	29	831			29 Blacksmith.	2		24		12 Cage.	1		78	
Carterville Blk. Dia. C. Co.	3	68			23 Cager.	1		9		9 Fall of roof and sides.	85	3	2,753	78
C. W. & F. C. Co., A.	35	1,134			32 Carpenter.	3		55		18 Fall of person.	29	2	857	34
Consolidated C. Co., No. 7	16	435		1	29 Coupler.	5		132		26 Gas explosion.	1		13	32
Consolidated C. Co., L. C.	26	595		3	26 Driver.	26		787		30 Haulage.	74	5	2,787	13
Cosgrove-Meehan C. Co., No. 1.	24	648			27 Electrician.	1		31		31 Lifting.	73		1,537	40
Cosgrove-Meehan C. Co., No. 2.	10	204			20 Fireman.	3		52		17 Machinery.	18	1	539	21
Cosgrove-Meehan C. Co., No. 3.	12	344			29 Foreman.	5		250		50 Struck by objects.	163	4	3,476	32
Crerar-Clinch C. Co.	11	134			12 Laborer.	40	4	1,066		30 Miscellaneous.	9		270	22
Federal Coal Co.	13	184			15 Loader.	175	6	4,066		27 Not stated.	16		358	30
Freeman Coal Co.	22	1,070			50 Machineman.	50	2	1,561						22
Hoskey Coal Co.	3	73			24 Miner.	93	1	2,229						
McLaren C. Co.	1	83			83 Motorman.	4		91						
Madison C. Corp., No. 9	44	1,060		1	28 Shot firer.	4	1	86						
Madison C. Corp., No. 12	41	1,965			26 Timberman.	11		264						
Manumoth C. Co.	2	33			16 Trackman.	16		277						
Old Ben C. Corp., No. 18	60	1,968			33 Trip rider.	26	1	1,026						
Old Ben C. Corp., No. 20	26	800			31 Miscellaneous.	4		122						
Peabody C. Co., No. 3.	21	307		2										
Pratt Bros. C. Co.	19	561		1										
Pyramid C. Co.	9	101												
St. Louis C. & I. Co.	11	277		4										
Sincerity C. Co.	17	337		2										
Slogo Coal Co.	10	218												
Wall Coal Co.	4	118		1										
Total.	469	12,668	28	15		469	15	12,668	28		469	15	12,668	28

JOHNSON COUNTY

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
LOCAL MINES							
1	A. S. Hudley.	Creal Springs.	750				750
2	Ramsey & Upchurch.	New Burnside.	500				500
3	Ed. Flaunell.	New Burnside.	450				450
4	Arthur Wilson.	Creal Springs.	210				210
Total.			1,910				1,910

WILLIAMSON COUNTY

SHIPPING MINES							
1	Old Ben C. Corp., No. 18.....	Johnson City.....	613,010	424,416	129,789		3,796
2	C. W. & F. M. Co., A.....	Herrin.....	490,235	380,300	49,881		6,971
3	Madison Coal Corp., No. 12.....	Cambria.....	479,691		474,070		864
4	Cosgrove-Meehan C. Co.....						
5	No. 1.....	Johnson City.....	412,899	320,450	83,688		2,173
6	Pratt Bros. C. Co.....	Herrin.....	278,558	104,972	168,051		2,999
7	Madison Coal Corp., No. 9.....	Colp.....	276,349		265,861		3,598
8	Freeman C. M. Co.....	Herrin.....	259,400	223,307	34,176		736
9	Consolidated C. Co., "L. C.".....	Johnson City.....	258,940	209,104	37,442		3,313
10	Big Muddy Co.....	Johnson City.....	248,895	245,879			517
	Cosgrove-Meehan C. Co., No. 3.....	Marion.....	234,366	210,325	17,794		291
12	Consolidated C. Co., No. 7.....	Herrin.....	185,490	135,651	36,963		7,491
13	Peabody C. Co., No. 3.....	Marion.....	180,770	128,856	33,466		
14	Pyramid C. Co., No. 1.....	Marion.....	172,264	39,224	132,740		300
	Cosgrove-Meehan C. Co., No. 2.....	Pittsburg.....	145,367	125,770	14,982		1,038
15	Huskey Coal Co., No. 1.....	Cambria.....	119,412		116,091		
17	Old Ben C. Corp., No. 20.....	Weaver.....	98,791	92,141			483
18	St. Louis Coal & Iron Co.....	Johnson City.....	85,108	23,837	61,271		
19	Federal Coal Co.....	Cartersville.....	82,730	79,828			872
20	Carbon Fuel Co.....	Marion.....	53,347	45,441	7,813		68
21	Sincerity Coal Co.....	Marion.....	48,994	41,412	6,757		85
22	Crerar-Clinch C. Co.....	Johnson City.....	48,959	45,516			570
23	Slogo Coal Co.....	Marion.....	46,435	27,297	18,026		
24	Henderson-Wallace C. Co.....	Marion.....	39,386	38,578	657		126
25	Mammoth C. Co.....	Marion.....	36,360	35,586			
26	Wall C. & M. Co.....	Pittsburg.....	36,016	31,078	2,700		350
27	McLaren C. Co.....	Cartersville.....	23,996	22,610	144		613
28	Puritan Coal Co.....	Johnson City.....	22,935	22,935			
	Cartersville Blk. Dia. C. Co., No. 3.....	Herrin.....	16,863		16,863		
30	City Lake Coal Co.....	Herrin.....	4,145		4,145		
31	Ogmore Coal Co.....	Cambria.....	1,640	756			734
	Peabody Coal Co., No. 16.....	Cambria.....	521	521			
	Total.....		5,001,872	3,055,790	1,713,370		37,988

TWELFTH DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Tons mined		Accidents		
Tons consumed or wasted at the mine	All coal not sold including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds		By hand	By machine	Number animals underground	Killed	Injured
.....	3	100	30	.....	.....	.....	750	.....	.....	.....	1
.....	3	100	35	.....	.....	.....	500	.....	.....	.....	2
.....	3	50	20	.....	.....	.....	450	.....	.....	.....	3
.....	1	30	12	.....	.....	.....	210	.....	.....	.....	4
.....	10	70	97	.....	.....	.....	1,910	.....	.....	.....	.....

TWELFTH DISTRICT

952	54,057	810	122	.....	.....	101,150	46	24	26,542	586,468	.....	1	60	1
7,450	45,633	732	105	.....	.....	76,788	30	14	.....	490,235	28	.....	35	2
4,728	29	757	114	8,247	.....	3,750	34	15	.....	479,691	2	.....	41	3
6,588	.....	523	134	.....	.....	74,050	12	14	112,265	300,634	11	10	24	4
2,536	.....	449	130	8,737	.....	.....	8	4	126,678	151,880	23	1	19	5
6,837	53	473	116	4,826	.....	4,275	23	13	.....	276,349	2	.....	44	6
653	528	456	96	.....	.....	38,175	15	4	12,689	246,711	30	.....	22	7
6,985	2,096	431	95	.....	.....	1,617	17	12	330	258,610	2	.....	26	8
1,919	580	278	142	4,740	.....	.....	9	2	44,286	204,609	20	1	29	9
5,956	.....	408	126	.....	.....	31,500	11	10	257	234,109	1	.....	12	10
4,803	582	530	66	418	.....	1,021	14	10	13,563	171,927	10	.....	16	11
14,687	3,761	529	67	4,307	.....	.....	12	10	17,724	163,046	.....	.....	21	12
.....	.....	48	153	.....	.....	18,100	.....	.....	Strip	.....	.....	.....	9	13
3,577	.....	284	108	.....	.....	22,425	9	3	.....	145,367	10	.....	10	14
3,321	.....	80	127	.....	.....	29,947	.....	.....	Strip	.....	.....	.....	3	15
54	6,113	373	49	.....	.....	20,025	22	12	1,986	96,805	2	.....	26	16
1,768	262	133	107	.....	.....	18,750	10	5	.....	85,108	.....	.....	11	17
25	.....	274	42	3,381	.....	.....	2	3	82,730	.....	24	.....	13	18
540	200	66	106	487	.....	.....	2	1	.....	53,347	3	.....	.....	19
2,470	403	139	66	1,200	.....	.....	7	1	.....	48,994	12	.....	17	20
1,112	.....	307	36	.....	.....	10,450	25	6	1,386	47,573	12	.....	11	21
25	.....	149	52	1,896	.....	.....	2	1	46,435	.....	13	2	10	22
774	.....	64	110	374	.....	.....	2	1	.....	39,386	3	.....	.....	23
1,744	144	22	79	.....	.....	.....	2	2	Strip	.....	.....	.....	2	24
629	.....	235	28	1,051	.....	1,275	2	2	28,516	7,500	16	.....	4	25
.....	.....	33	130	276	.....	500	1	1	.....	23,996	2	.....	1	26
.....	.....	45	177	1,500	.....	.....	.....	.....	22,935	.....	.....	1	.....	27
.....	.....	84	80	1,111	.....	.....	.....	.....	16,863	.....	10	.....	3	28
.....	.....	14	83	168	.....	.....	.....	.....	4,145	.....	.....	1	.....	29
120	30	26	47	22	.....	100	.....	.....	1,640	.....	.....	.....	.....	30
.....	.....	44	1	.....	.....	.....	1	1	.....	521	4	.....	.....	31
79,624	115,100	8,796	93	42,741	.....	453,898	312	169	560,970	4,112,866	238	19	469	.....

WILLIAMSON COUNTY—concluded

Number	Name of operator	Postoffice address the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
LOCAL MINES							
1	Chas. Burch.	Marion	6,000				6,000
2	J. W. Spiller.	Marion	4,000				4,000
3	C. S. Polinsky.	Marion	3,500				3,500
4	W. F. McDonald.	Marion	2,350				2,300
5	Ensivinger & Rent.	Marion	2,320				2,320
6	W. N. Stroud.	Marion	2,250				2,250
7	Donally Coal Co.	Cartersville	2,090				2,090
8	Harry Hayler	Cambria	1,879				1,879
9	Elkins & Sizemore.	Cambria	1,845				1,845
10	Young Bros.	Cartersville	1,738				1,738
11	Rushing Coal Co.	Marion	1,400				1,400
12	C. Wiesholt.	Marion	1,200				1,200
13	Cagle & Clarida.	Cartersville	1,103				1,103
14	Byers & Alexandria.	Marion	1,050				1,050
15	J. R. Spiller.	Marion	1,010				1,010
16	L. R. Gabriel.	Marion	1,000				1,000
17	Prospect Coal Co.	Marion	900				900
18	New Marion C. Co.	Marion	850				800
19	Young Bros.	Cartersville	775				725
20	Sirles & Davis.	Herrin	650				570
21	J. & R. McEwan.	Cartersville	500				500
22	John Issler.	Marion	450				450
23	John Sabba & Co.	Marion	377				377
24	R. Pleasant.	Crab Orchard	300				300
25	Fought Boren Shackleford.	Carbondale	110				110
26	J. W. Wilson.	Carbondale	74				74
Total.			39,721				39,491
Total 57 mines.			5,041,593	3,055,790	1,713,370		77,479

TWELFTH DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines— number in use	Motors—number in use	Tons mined		Number animals underground	Accidents		Number
Tons consumed or wasted at the mine	All coal not sold including loss			Powder— kegs	Dynamite— pounds	Permissibles— pounds			By hand	By machine		Killed	Injured	
.....	7	212	410	.....	.....	.....	.....	6,000	.....	.....	.....	.....	1
.....	3	200	40	.....	.....	.....	.....	4,000	.....	.....	.....	.....	2
.....	2	150	41	.....	.....	.....	.....	3,500	.....	.....	.....	.....	3
50	7	125	130	.....	.....	.....	.....	2,350	.....	.....	.....	.....	4
.....	6	135	160	.....	.....	.....	.....	2,320	.....	.....	.....	.....	5
.....	5	150	45	.....	.....	.....	.....	2,250	.....	.....	.....	.....	6
.....	5	69	101	.....	.....	.....	.....	2,090	.....	.....	.....	.....	7
.....	5	141	81	.....	.....	.....	.....	1,879	.....	.....	.....	.....	8
.....	2	249	100	.....	.....	.....	.....	1,845	.....	.....	.....	.....	9
.....	5	75	20	.....	.....	.....	.....	1,738	.....	.....	.....	.....	10
.....	3	140	100	.....	.....	.....	.....	1,400	.....	.....	.....	.....	11
.....	8	45	57	.....	.....	.....	.....	1,200	.....	.....	.....	.....	12
.....	6	120	150	.....	.....	.....	.....	1,103	.....	.....	.....	.....	13
.....	2	75	15	.....	.....	.....	.....	1,050	.....	.....	.....	.....	14
.....	6	200	125	.....	.....	.....	.....	1,010	.....	.....	.....	.....	15
.....	4	53	47	.....	.....	.....	.....	1,000	.....	.....	.....	.....	16
50	4	70	60	.....	.....	.....	.....	900	.....	.....	.....	.....	17
50	6	40	68	.....	.....	.....	.....	850	.....	.....	.....	.....	18
80	10	26	35	.....	.....	.....	.....	775	.....	.....	.....	.....	19
.....	3	51	20	.....	.....	.....	.....	650	.....	.....	.....	.....	20
.....	2	80	5	.....	.....	.....	.....	500	.....	.....	.....	.....	21
.....	3	150	8	.....	.....	.....	.....	450	.....	.....	.....	.....	22
.....	3	65	18	.....	.....	.....	.....	377	.....	.....	.....	.....	23
.....	2	50	8	.....	.....	.....	.....	300	.....	.....	.....	.....	24
.....	3	18	8	.....	.....	.....	.....	110	.....	.....	.....	.....	25
.....	74	.....	.....	.....	.....	26
230	115	111	1,902	.....	.....	.....	.....	39,721	.....	.....	.....	.....	.....
79,854	115,100	8,911	101	44,643	.....	453,898	312	169	600,691	4,112,866	238	19	469	.....

SHIPPING MINES, RECAPITULATION

County	Number of mines	Total	Disposition of output—tons					
			Loaded on cars for shipment	Sold to railroad companies	Supplied to locomotives	Sold to local trade	Used at the mines	All coal not sold June 30, in- cluding waste
Williamson...	31	5,001,872	3,055,790	1,713,370	.....	37,988	79,624	115,100

LOCAL MINES, RECAPITULATION

Johnson.....	4	1,910	.....	.....	.....	1,910	.....	.....
Williamson...	26	39,721	.....	.....	.....	39,491	230	.....
Total....	30	41,631	.....	.....	.....	41,401	230	.....

RECAPITULATION, ALL MINES

Johnson.....	4	1,910	.....	.....	.....	1,910	.....	.....
Williamson...	57	5,041,593	3,055,790	1,713,370	.....	77,479	79,854	115,100
Total....	61	5,043,503	3,055,790	1,713,370	.....	79,389	79,854	115,100

BY COUNTIES, TWELFTH DISTRICT

Employees			Explosives used for blasting coal			Days of active operation	Number of mining machines used	Tons mined.		Number of motors in use	Number of animals underground	Accidents	
Underground	On surface	Total	Kegs of powder	Pounds of dynamite	Pounds of permissible explosives			By hand	By machine			Killed	Injured
7,753	1,038	8,796	42,741	.....	453,898	93	312	560,970	4,112,866	169	238	19	469

BY COUNTIES, TWELFTH DISTRICT

8	2	10	97	.....	.....	70	.....	1,910	.....	.....	.....	.....	.....
95	20	115	1,902	.....	.....	111	.....	39,721	.....	.....	.....	.....	.....
103	22	125	1,999	.....	.....	106	.....	41,631	.....	.....	.....	.....	.....

BY COUNTIES, TWELFTH DISTRICT

8	2	10	97	.....	.....	70	.....	1,910	.....	.....	.....	.....	.....
7,853	1,058	8,911	44,643	.....	453,898	101	312	600,691	4,112,866	169	238	19	469
7,861	1,060	8,921	44,740	.....	453,898	99	312	602,601	4,112,866	169	238	19	469

SUPPLEMENT

Report of Division of Inspections.

Report of Division of Miners' Examination.

Report of Division of Mine Rescue and First Aid.

Report of Division of Economic Investigation.

Report of Division of Fluorspar.

Report of State Mining Board.

List of State Inspectors.

List of Mine Managers.

List of Hoisting Engineers.

List of Mine Examiners.

REPORT OF DIVISION OF INSPECTION

The following summary shows the specific work report of the Twelve State Inspectors for the year 1927:

Number of days worked inspecting mines.....	1243
Days worked at other classified duties.....	1610
Days worked at miscellaneous service.....	611
<hr/>	
Total days worked.....	3464
Average days for each Inspector.....	288.7
Average number days inspecting mines.....	103.6
Average number days in other classified service.....	134.2
Average number days in miscellaneous service.....	50.9
Average number inspections made by each Inspector.....	133

In the table below is shown the number of days worked and the per cent of time spent in the various duties by districts:

SUMMARY OF SPECIFIC WORK REPORT FOR YEAR ENDED DEC. 31, 1927.

District	Mine inspection				Other classified duties—days worked										Miscellaneous service		
	Shipping		Local		Total		Per cent of time inspecting mines	Investigating accidents	Testing scales	Investigating complaints	Office work	Traveling	Total days in other classified duties	Per cent of time in other classified duties	Days worked	Per cent of time	Total days
	Num-ber in-spec-tions	Days worked	Num-ber in-spec-tions	Days worked	Num-ber in-spec-tions	Days worked											
First.....	18	23	37	31	55	54	22.0	1	5	3	106	7	122	49.8	69	28.2	245
Second.....	26	37	111	52	137	89	34.5	8	2	8	35	11	64	24.8	105	40.7	258
Third.....	90	73	570	179	660	252	81.3	1	1	1	10	13	27	8.7	31	10.0	510
Fourth.....	47	66	24	22	71	88	29.9	11	5	2	138	5	161	54.8	45	15.3	294
Fifth.....	25	49	118	117	143	166	53.7	6	1	31	79	18	135	43.7	8	2.6	309
Sixth.....	52	84	40	32	92	116	49.4	7	10	4	46	3	70	29.8	49	20.8	235
Seventh.....	54	80	18	10	72	90	29.7	4	3	41	110	8	166	54.8	47	15.5	303
Eighth.....	44	44	9	53	53	53	17.2	8	40	41	126	.....	215	69.8	40	13.0	308
Ninth.....	53	57	43	34	96	91	31.7	7	7	65	71	13	165	57.5	31	10.8	287
Tenth.....	27	38	.....	.....	27	38	12.3	22	4	59	67	7	159	51.5	112	36.2	309
Eleventh.....	49	80	73	39	122	119	39.5	24	2	84	33	8	151	50.2	31	10.3	301
Twelfth.....	33	51	36	36	69	87	28.5	26	1	73	69	6	175	57.4	43	14.1	305
Total.....	518	682	1,079	561	1,597	1,243	35.9	128	81	412	890	99	1,610	46.5	611	17.6	3,464

REPORT OF MINERS' EXAMINATION DIVISION

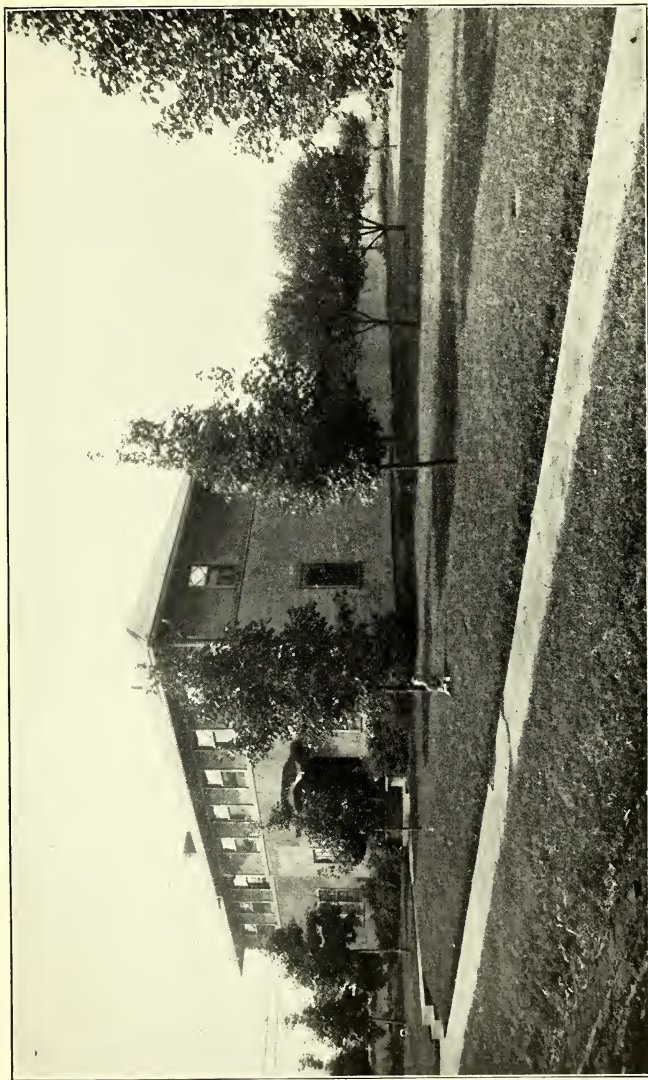
The Miners' Examining Board has held examinations with results as shown in the following list:

Date	Place of meeting	Number of applicants	Number of certificates issued	Number of candidates rejected	Revenue collected
1927					
Jan.	10 Belleville.....	50	46	4	\$ 92.00
	11 Harrisburg.....	105	95	10	190.00
	12 Herrin.....	90	82	8	164.00
	13 West Frankfort.....	125	116	9	232.00
	14 Duquoin.....	30	23	7	46.00
	15 Centralia.....	23	23	0	46.00
	17 Staunton.....	44	43	1	86.00
	18 Springfield.....	25	23	2	46.00
	19 Decatur.....	23	23	0	46.00
	20 Danville.....	11	11	0	22.00
	21 Farmington.....	14	14	0	28.00
	22 Peoria.....	16	16	0	32.00
Feb.	7 Belleville.....	23	21	2	42.00
	8 Harrisburg.....	55	55	0	110.00
	9 Herrin.....	45	43	2	86.00
	10 West Frankfort.....	60	57	3	114.00
	11 Duquoin.....	11	11	0	22.00
	12 Centralia.....	14	14	0	28.00
	14 Staunton.....	35	31	4	62.00
	15 Springfield.....	42	37	5	74.00
	16 Pana.....	24	23	1	46.00
	17 Danville.....	5	5	0	10.00
	18 La Salle.....	16	11	5	22.00
	19 Peoria.....	28	25	3	50.00
Mch.	1 Staunton.....	4	4	0	8.00
	2 Decatur.....	2	2	0	4.00
	3 Danville.....	2	2	0	4.00
	4 Farmington.....	9	8	1	16.00
	5 Peoria.....	8	8	0	16.00
	7 Belleville.....	5	5	0	10.00
	8 Harrisburg.....	8	8	0	16.00
	9 Herrin.....	10	10	0	20.00
	10 Johnston City.....	22	22	0	44.00
	11 Duquoin.....	14	14	0	28.00
	12 Centralia.....	4	4	0	8.00
	14 Springfield.....	8	8	0	16.00
Apr.	11 Belleville.....	12	11	1	22.00
	12 Harrisburg.....	20	19	1	38.00
	13 Marion.....	21	19	2	38.00
	14 West Frankfort.....	13	11	2	22.00
	15 Duquoin.....	9	9	0	18.00
	16 Gillespie.....	9	9	0	18.00
	18 Peoria.....	7	5	2	10.00
	19 Danville.....	7	7	0	14.00
	20 Springfield.....	10	8	2	16.00
July	18 Belleville.....	8	5	3	10.00
	19 Harrisburg.....	6	6	0	12.00
	20 Marion.....	11	10	1	20.00
	21 Duquoin.....	8	8	0	16.00
	22 Centralia.....	9	9	0	18.00
	23 Taylorville.....	13	13	0	26.00
	25 Danville.....	9	7	2	14.00
	26 La Salle.....	3	2	1	4.00
	27 Peoria.....	20	15	5	30.00
	28 Springfield.....	8	6	2	12.00
Aug.	15 Belleville.....	8	8	0	16.00
	16 Harrisburg.....	14	14	0	28.00
	17 Herrin.....	7	6	1	12.00
	18 Centralia.....	3	3	0	6.00
	19 Decatur.....	3	3	0	6.00
	20 Danville.....	10	8	2	16.00
	22 La Salle.....	8	8	0	16.00
	23 Peoria.....	11	11	0	22.00
	24 Springfield.....	14	12	2	24.00

REPORT OF MINERS' EXAMINATION DIVISION—Concluded

Date	Place of meeting	Number of applicants	Number of certificates issued	Number of candidates rejected	Revenue collected
Sept.	12 Belleville.....	18	15	3	\$ 30.00
	13 Harrisburg.....	15	13	2	26.00
	14 Herrin.....	13	13	0	26.00
	15 West Frankfort.....	12	10	2	20.00
	16 Duquoin.....	10	8	2	16.00
	17 Centralia.....	14	14	0	28.00
	19 Taylorville.....	7	7	0	14.00
	20 Danville.....	7	7	2	14.00
	21 Farmington.....	14	13	1	26.00
	22 Peoria.....	8	8	0	16.00
	23 Springfield.....	11	9	2	18.00
	24 Staunton.....	14	14	0	28.00
Oct.	10 Belleville.....	36	34	2	68.00
	11 Harrisburg.....	86	82	4	164.00
	12 Herrin.....	56	46	10	92.00
	13 Johnston City.....	90	80	10	160.00
	14 Duquoin.....	60	54	6	108.00
	15 Centralia.....	25	25	0	50.00
	17 Gillespie.....	33	23	10	46.00
	18 Springfield.....	100	89	11	178.00
	19 Taylorville.....	50	41	9	82.00
	20 Danville.....	25	22	3	44.00
	21 La Salle.....	13	13	0	26.00
	22 Peoria.....	38	28	10	56.00
Nov.	7 Belleville.....	50	37	13	74.00
	8 Harrisburg.....	40	30	10	60.00
	9 Herrin.....	105	75	30	150.00
	10 West Frankfort.....	121	91	30	182.00
	11 Duquoin.....	66	46	20	92.00
	12 Centralia.....	27	20	7	40.00
	14 Taylorville.....	40	36	4	72.00
	15 Danville.....	22	20	2	40.00
	16 Farmington.....	14	14	0	28.00
	17 Peoria.....	40	37	3	74.00
	18 Springfield.....	77	67	10	134.00
	19 Staunton.....	60	50	10	100.00
Dec.	5 Belleville.....	35	28	7	56.00
	6 Harrisburg.....	35	30	5	60.00
	7 Herrin.....	50	44	6	88.00
	8 West Frankfort.....	48	46	2	92.00
	9 Duquoin.....	5	5	0	10.00
	10 Centralia.....	5	5	0	10.00
	12 Decatur.....	6	6	0	12.00
	13 Danville.....	20	15	5	30.00
	14 La Salle.....	16	14	2	28.00
	15 Peoria.....	25	15	10	30.00
	16 Springfield.....	40	35	5	70.00
	17 Gillespie.....	30	24	6	48.00

Total number of applicants.....	3,025
Number of certificates issued.....	2,653
Number of candidates rejected.....	372
Total Revenue collected.....	\$5,306.00



Mine Rescue and First Aid Station, Springfield, Illinois

REPORT OF MINE RESCUE AND FIRST AID DIVISION

The activities of the various stations in responding to calls for help is herewith presented.

La Salle Station received a call on January 13, from the La Salle County Carbon Coal Company, mine No. 1, to assist in fighting a fire that had started in the under-ground stable. The call was promptly responded to and in a short time the fire was under control. Had it not been for prompt action on the part of the team, disastrous results might have followed as all the men were in the mine at the time. As it was, six mules were suffocated.

Springfield Station, on January 10, received a call from No. 51 mine of the Peabody Coal Company, that a shotfirer had been overcome by after effects of a windy shot. Artificial respiration was worked for two hours, but without result. On February 18, the Peabody Coal Company sent in a call from its No. 52 mine at Riverton, that an explosion had occurred and asked for help. The team responded, but on arrival at the mine they found that their services were not needed. One man was killed in this explosion. October 29, the team was called to Peabody Coal Company's No. 8 mine to explore a fire area and remove seals. This work was satisfactorily accomplished.

Benton Station. December 21, a call came from Cosgrove-Meehan Coal Company's mine No. 1, where an explosion had occurred, to assist the Herrin Mine Rescue Team. On numerous other occasions, first-aid was rendered to individuals, the victims of accidents in no way related to mine disasters.

Eldorado Station. The team at this station was called to No. 2 mine, Saline County Coal Corporation, on March 30, where an explosion killing eight men had occurred, and assisted in recovering the bodies and restoring ventilation.

Duquoin Station. A call for help was received February 24, from the Marion County Coal Company to fight a fire that had broken out in its mine.

Herrin Station. The following calls were received: April 5, from Consolidated Coal Company's Lake Creek Mine where an explosion had occurred. One man was killed. October 15, to assist at mine fire in No. 9 mine, Madison Coal Corporation. December 20, Cosgrove-Meehan Coal Company, Mine No. 1, explo-

sion, in which seven men lost their lives. The team assisted in recovering the bodies and restoring ventilation.

In addition to the prompt response to the calls for help made by the Mine Rescue teams, each station has been active through its Superintendent in training men and women in the work of first-aid to the injured and in mine rescue methods for men. The progress of this work the past year has been highly satisfactory. The enthusiasm of the men and women, boys and girls, who have taken this training is commendable. The work is also extending, competitively, to Boy Scout organizations.

The operators and the miners are becoming more and more interested and enthusiastic in mine rescue methods and first-aid to the injured. Thirteen mines employing more than 8,000 men, have become 100%, that is, every man employed at these mines has taken first-aid training, and a number of other operators have signified their intention of reaching the 100% mark.

The result of this training through each station is revealed in the following table:

NUMBER TRAINED

Station	Mine rescue	First aid				Total
	Men	Men	Women	Boys	Girls	
LaSalle.	5	215	36	11	.....	267
Springfield.	24	3,628	141	18	27	3,838
Benton.	54	784	65	31	21	955
Florado.	5	1,107	.....	.....	.....	1,112
Duquoin.	12	587	65	.....	.....	666
Herrin.	30	714	13	11	22	790
1927.	130	7,035	320	71	72	7,628
1926.	237	5,554	390	48	7	6,236
1925.	286	1,547	174	23	.....	2,030
1924.	486	1,266	48	136	.....	1,936

REPORT OF DIVISION OF ECONOMIC INVESTIGATION

The ninth annual report of this division shows that three hundred thirty-six operators managing 14,158 plants in 71 counties, produced 13,006,804 tons of lime stone, 5,758,554 barrels of oil, 313,498,000 cubic feet of gas, 10,653,242 tons of sand and gravel, 4,371,672 tons of shale and clay and 1,807,133 tons of silica. These plants, exclusive of oil and gas wells which did not report time, were in active operation an average of 170 days and all together employed 13,636 men. Eight men lost their lives and 198 were injured in and about these plants while in line of duty. A list of these fatalities will be found in Table 13, and a summary of the non-fatal in Table 14.

TABLE 1.—LIMESTONE.

Name of operator	Location of plant		Output of product in tons	Men employed	Days worked	Explosives used	
	Postoffice	County				Powder—kegs	Dynamite—pounds
Alpha Portland Cement Co.	LaSalle.	LaSalle.	400, 245	296	275		85, 050
Anna Stone Co.	Anna.	Union.	119, 908	46	150		36, 000
Ashton Township.	Ashton.	Lee.	4, 500	5	40		300
Bauer Johnson and Co.	Quincy.	Adams.	500	15	10		
Beitendorf Stone Co.	Moline.	Rock Island.	19, 449	11	250		7, 500
Bloomington Township.	Bloomington.	DuPage.	1, 200	5	150		
Brownell Improvement Co.	Chicago.	Cook.	1, 110, 000	200	243	18, 800	
Casey Lime and Stone Co., (Corp.)	Casey.	Clark.	3, 945	14	47		1, 800
Casper Stolle Quarry and Contracting Co., No. 1.	East St. Louis.	St. Clair.	173, 060	40	271		80, 525
Casper Stolle Quarry and Contracting Co., No. 2.	East St. Louis.	St. Clair.	16, 618	15	278		6, 500
Charles Stone Co.	Mt. Vernon.	Johnson.	56, 893	60	174		10, 800
Chicago House of Correction.	Chicago.	Cook.	21, 752	150 ^a			3, 000
Chicago Union Lime Works, Co.	Chicago.	Cook.	174, 000	74	270		24, 000
Columbia Quarry Co.	Columbia.	St. Clair.	461, 373	100	222		124, 850
Columbia Quarry Co.	Valmeyer.	Monroe.	277, 175	87	300		108, 850
Consumers Co.	Lemont.	Cook.	427, 762	45	231		247, 400
Consumers Co., No. 2.	LaGrange.	Cook.	1, 250, 000	110	298		539, 450
Dolese and Shepard Co.	Hodgkins.	Cook.	1, 265, 566	110	294		369, 000
East St. Louis Stone Co.	East St. Louis.	Cook.	21, 474	65	120		660
Eldred Stone Co.	Eldred.	Greene.	10, 725	17	250		14, 000
Electric Limestone Co.	Falling Springs	St. Clair.	100, 000	46	250		29, 000
Elmhurst-Chicago Stone Co.	Elmhurst.	DuPage.	294, 400	37	270	85	110, 000
Fair, John and Co.	Belvidere.	Boone.	14, 200	12	140		4, 000
Federal Stone Co.	McCook.	Cook.	330, 000	43	300		161, 000
Great Lakes Dredge and Dock Co.	Willow Springs	Cook.	378, 700	38	205		
Hendrickson, John.	Batavia.	Kane.	2, 008	8	227		
Illinois Limestone Co.	West York.	Clark.	8, 300	13	91		1, 500
Illinois State Prison.	Joliet.	Will.	60, 700	210	143		120, 000
Lehigh Stone Co.	Lehigh.	Kankakee.	450, 270	93	215		62, 570
Lehigh Portland Cement Co.	Oglesby.	LaSalle.	1, 767, 290	401	287		186, 051
Lincoln Crushed Stone Co.	Joliet.	Will.	295, 000	36	187		80, 000
Lisbon Township.	Kendal.	Union.	9, 000	10	120		1, 100
Marblehead Lime Co.	Marblehead	Adams.	137, 506	44	300	741	
Marblehead Lime Co.	Quincy.	Adams.	23, 513	36	300		
Margraf Stone Co.	Joliet.	Will.	187, 000	39	280	521	75, 384
Marquette Cement Mfg. Co.	LaSalle.	LaSalle.	814, 506	540	313		319, 450

TABLE 1—Concluded.

Name of operator	Location of plant		Output of product in tons	Finished product	Men employed	Days worked	Explosives used	
	Postoffice	County					Powder-kegs	Dynamite-pounds
Menke, F. W. Stone and Lime Co.	Quincy.	Adams.	10,527	Crushed stone.	30	300	160	5,150
Meyer, W. D.	Quincy.	Adams.	750	Crushed stone.	4	90		180
Mississippi Lime and Material Co.	Alton.	Madison.	121,500	Crushed stone.	40	300		75,000
National Stone Co.	Joliet.	Will.	229,140	Crushed stone.	48	230		87,700
Nardstrom, A. O.	Bureau.	Bureau.	100	Crushed stone.	a			
O'Laughlin, A. C., Co.	Hillsdale.	Cook.	591,250	Crushed stone.	73	287		132,000
Portthalt, Jos. F.	Person.	Bond.	2,000	Crushed stone.	9	65		350
Quadr City Brick and Lime Co.	Port Bryon.	Rock Island.	2,800	Crushed stone.	25	60	150	30
Radom Quarry Co.	Radom.	Washington.	866	Crushed stone.	5	160		160
Red Bud Quarry Co., Inc.	Red Bud.	Randolph.	2,400	Crushed stone.	7	100		600
Reliance Whiting Co.	Alton.	Madison.	5,958	Whiting.	24	234		600
Riverside Lime and Stone Co.	Lyons.	Cook.	237,840	Crushed stone.	38	270		113,000
Rockford Township.	Rockford.	Winnebago.	17,453	Crushed stone.	24	90	800	
St. Clair County Workhouse.	Belleville.	St. Clair.	427	Crushed stone.	20	90		200
Salina Township Quarry.	Bonfield.	Kankakee.	12,000	Crushed stone.	8	120		500
Sandusky Cement Co.	Dixon.	Lee.	329,812	Portland cement.	245	247		91,250
Schaffley, G.	Tennessee.	McDonough.	2,000	Crushed stone.	8	12		
Southern Illinois Limestone Co.	Shelberville.	Hardin.	25,000	Crushed stone.	40	120		4,000
Southern Illinois Penitentiary.	Menard.	Randolph.	50,664	Crushed stone.	425	208		8,000
Stearns Lime and Stone Co.	Chicago.	Cook.	95,136	Crushed stone.	110	308		25,500
Superior Stone Co.	LaGrange.	Cook.	300,000	Crushed stone.	50	260		96,900
The Black White Lime Co.	Quincy.	Adams.	5,490	Lime.	35	300		6,500
The U. G. I. Contracting Co.	Golconda.	Pope.	21,000	Crushed stone.	24	70		4,200
United States Gypsum Co.	Cordova.	Rock Island.	48,500	Crushed stone.	48	280		7,400
Utica Hydraulic Cement Co.	Utica.	LaSalle.	35,091	Crushed stone.	56	310		70,000
Wachtel and Armstutz.	Hecker.	Monroe.	2,000	Lime.	8	180		
Western Quarries Co.	Lemont.	Cook.	222,500	Crushed stone.	140	232	530	10,000
Western Whiting and Mfg. Co.	Elsah.	Jersey.	6,062	Crushed stone.	27	210		3,000

a Not reported.

TABLE 2—OIL AND GAS.

Name of operator	Post office address of operator	County in which well is located	Number of wells	Production		Number Em-ployees	Explosives-nitro-glycerine-quarts
				Oil—barrels	Gas—1,000 cu. ft.		
Adams—Corners Oil Co.	Allendale.	Wabash.	20	46,851	31,140	7	240
American Oil Development Co.	1414 Oliver Bldg., Pittsburgh, Pa.	Crawford.	103	30,431		10	40
American Oil Development Co.	1414 Oliver Bldg., Pittsburgh, Pa.	Clark.	34	14,176		4	
Arkansas Fuel Oil Co.	223 Fourth Ave., Pittsburgh, Pa.	Crawford.	109	16,088	80,000	18	
Arkansas Fuel Oil Co.	223 Fourth Ave., Pittsburgh, Pa.	Wabash.	10	6,203		4	
Arkansas Fuel Oil Co.	223 Fourth Ave., Pittsburgh, Pa.	Clark.	2	1,554		1	
Associated Producers Co.	Robinson.	Coles.	16	1,299		1	
Associated Producers Co.	Robinson.	Clark.	146	41,415		10	
Associated Producers Co.	Robinson.	Crawford.	981	259,260		83	21
Associated Producers Co.	Robinson.	Lawrence.	109	38,019		10	
Associated Producers Co.	Robinson.	Wabash.	2	138		1	
H. D. Barker.	Robinson.	Crawford.	21	3,709		2	
C. O. Barnett and Co.	Bridgeport.	Lawrence.	2	2,626		1	
Bell Bros.	Robinson.	Crawford.	58	12,280		4	
Bell Bros.	Robinson.	Cumberland.	64	6,751		3	
Big Four Oil and Gas Co.	Robinson.	Wabash.	3	3,137		1	
Bradford Oil Corp.	Bridgeport.	Lawrence.	112	50,000	1,000	25	150
Breen Oil Co.	Robinson.	Crawford.	10	5,379		1	
Brenneman and MacDonell.	Mt. Carmel.	Wabash.	9	19,625		4	245
Brown Oil and Gas Co.	312 S. Cole St., Lima, O.	Crawford.	68	18,699		13	
Canadian Oil and Gas Pro. Co.	Centralia.	Marion.	1	1,825		1	
Cisel, J. H., Heirs, Oil Co.	Robinson.	Crawford.	51	5,700		10	
Citizens Oil Co.	Allendale.	Wabash.	3	6,205		1	
Cole, Lu, Trustee.	Bridgeport.	Lawrence.	11	9,642		1	
Coon Creek Oil Co.	Marshall.	Clark.	6	4,880		1	
Craig and Lowrie.	Allendale.	Wabash.	4	4,500		1	
Craig and Lowrie.	808 Columbia Bk. Bldg., Pittsburgh, Pa.	Crawford.	96	26,998		10	95
Craig and Lowrie.	808 Columbia Bk. Bldg., Pittsburgh, Pa.	Lawrence.	10	2,673		1	
Craig and Lowrie.	808 Columbia Bk. Bldg., Pittsburgh, Pa.	Wabash.	3	588		1	35
Curtis, W. L., Co.	404 Merchants Natl. Bk. Bldg., Elmira, N. Y.	Lawrence.	19	19,301		2	
Davis, D. C.	Marietta, Ohio.	Clark.	64	4,380		3	
Diver, J. E., Heirs.	St. Francisville.	Lawrence.	11	9,855		1	
Duffield, R. S., Trustee.	Robinson.	Crawford.	7	2,925		1	
Eastern Gulf Oil Co.	Lexington, Ky.	Wabash.	3	3,604		2	60

TABLE 2—Continued.

Name of operator	Post office address of operator	County in which well is located	Number of wells	Production		Number Em-ployees	Explosives-nitro-glycerine-quarts
				Oil—barrels	Gas—1,000 cu. ft.		
Eling, Philip E.	Macomb.	McDonough.	30	6,368		2	
Eureka Oil Co.	Centralla.	Marion.	6	1,682		1	
Flynn and Crowley.	Robinson.	Crawford.	1	400			
Flynn and Flynn.	Robinson.	Crawford.	1	365			
Gee Oil Co.	312 Wright Bldg., Tulsa, Okla.	Lawrence.	16	8,604	7,200	2	233
Hamilton Production Co.	Lawrenceville.	Lawrence.	64	43,612			
Hartman and Burdett.	Casey.	Clark.	11	973		1	
Hector-Joy Haussler Co.	Centralla.	Marion.	11	1,329		1	
Higgins Leases.	a.	Wabash.	1	603		1	
Hope Oil Co.	Allendale.	Wabash.	5	10,950		1	
James Oil Co., Corp.	Centralla.	Marion.	4	9,125		1	
Karns and Schrecongost.	Robinson.	Crawford.	27	7,953		4	
Kennedy, Wm. C., Co.	69 Main St., Bradford, Pa.	Crawford.	249	64,152		32	
Keweenaw Oil and Gas Co.	Titusville, Pa.	Clark.	46	6,687		2	
Keweenaw Oil and Gas Co.	Titusville, Pa.	Crawford.	230	58,324		28	
Keweenaw Oil and Gas Co.	Titusville, Pa.	Lawrence.	43	23,292		6	
Koker Creek Oil Co.	Allendale.	Wabash.	2	3,300		1	80
Kraft and McCullough.	Oblong.	Crawford.	1	600		1	
Lamberton Bros.	Box 1328, Tulsa, Okla.	Crawford.	4	1,458		1	
Leighty Oil Co.	312 Wright Bldg., Tulsa, Okla.	Lawrence.	10	4,617	3,000	2	
Liberty Oil and Gas Co.	343 Penna Ave. W., Warren, Pa.	Crawford.	34	9,573		3	
Lord, H. C.	Robinson.	Crawford.	10	1,524	3,200	1	
McBride, W. C., Inc.	704 Shell Bldg., St. Louis, Mo.	Clark.	47	21,801		22	720
McBride, W. C., Inc.	704 Shell Bldg., St. Louis, Mo.	Crawford.	40	10,251		10	
McBride, W. C., Inc.	704 Shell Bldg., St. Louis, Mo.	Wabash.	8	7,769		3	
McCandless, Alex V., Atty.	Robinson.	Crawford.	3	1,802		1	
Mackey, Miller and Timberlake.	Centralla.	Marion.	27	10,038	2,000	3	
Mallory and Crawford.	Oblong.	Crawford.	19	8,458			
Mahtska Oil Co.	Robinson.	Clark.	8	15,837	3,650		
Mahtska Oil Co.	Robinson.	Crawford.	282	77,613	36,780	32	
Mahtska Oil Co.	Robinson.	Lawrence.	3	1,236		1	
Mahtska Oil Co.	Robinson.	Walash.	6	5,664		2	
Maple Oil and Gas Co.	223 Fourth Ave., Pittsburgh, Pa.	Lawrence.	8	4,417		1	
Max Oil Co.	Allendale.	Wabash.	9	14,600		1	
Mayhugh and Others.	Allendale.	Wabash.	13	54,750		1	
Meserve Oil Co.	Robinson.	Crawford.	5	2,046		1	

TABLE 2—Continued.

Name of operator	Post office address of operator	County in which well is located	Number of wells	Production		Number Em-ployees	Explosives-nitro-glycerine quarts
				Oil—barrels	Gas—1,000 cu. ft.		
Mid Egypt Gas and Oil Co.	Ava	Jackson	32	2, 375	133, 221		6
Miller Bros. Oil and Gas Co.	Staunton	Macoupin	1	500		56	
Miller, Louis H., Oil and Gas Co.	Staunton	Macoupin	2		2, 899		
Miller, Louis H., Agent	Staunton	Macoupin	2		3, 455		
Mt. Carmel Oil Co.	Mt. Carmel	Wabash	7	16, 649			1
New York Petroleum Co.	Box 562, Parkersburg, W. Va.	Crawford	11	4, 598		550	1
Nolan and Lamberton	Box 1328, Tulsa, Okla.	Crawford	9	3, 568			1
Northern Oil Co.	1404 E. 9th St., Cleveland, O.	Clark	17	3, 618			3
Northern Oil Co.	1404 E. 9th St., Cleveland, O.	Crawford	110	12, 080			1
Ohio Oil Co.	Findlay, Ohio	Clark	1, 156	301, 142	202		13
Ohio Oil Co.	Findlay, Ohio	Clark	110	54, 085			2, 020
Ohio Oil Co.	Findlay, Ohio	Crawford	4, 116	1, 128, 565	495		319
Ohio Oil Co.	Findlay, Ohio	Cumberland	571	145, 160	173		32
Ohio Oil Co.	Findlay, Ohio	Hancock	13	2, 330			1, 010
Ohio Oil Co.	Findlay, Ohio	Lawrence	2, 904	2, 129, 783	814		1
Ohio Oil Co.	Findlay, Ohio	Marion	38	29, 973			496
Ohio Oil Co.	Findlay, Ohio	McDonough	288	77, 969			9
Ohio Oil Co.	Findlay, Ohio	Monroe	34	7, 847			19
Ohio Oil Co.	Findlay, Ohio	Wabash	11	4, 469			6
Ohio Oil Co.	Findlay, Ohio	Wabash	22	7, 042			1
Pease, James and Co.	29 S. LaSalle, Chicago	Crawford	19	9, 125			4
Pemberton Oil and Gas Co.	Security Bldg., St. Louis, Mo.	Lawrence	27	16, 225			2
Petro Oil and Gas Co.	Box 174, Oil City, Pa.	Marion	10	1, 464			4
Ramage, S. Y.	108 Innis St., Oil City, Pa.	Crawford	9	1, 156	3, 000		2
Schoorman, Louis and Adolph	Box 1499, Tulsa, Okla.	Crawford	68	38, 989			1
Selby-Cisler Producing Co.	Robinson	Clark	4	38, 714			10
Smith, John T., Atty., No. 2	Robinson	Crawford	2	3, 662			1
Smith, John T., Atty., No. 2	Robinson	Crawford	2	718			2
Smith and Lyon	598 Madison Ave., New York	Crawford	236	186, 747	86		52
Snowden and McSweeney Co.	598 Madison Ave., New York, N. Y.	Lawrence	6	5, 851			3
Snowden and McSweeney Co.	1005 Farmers Bank Bldg., Pittsburgh, Pa.	Wabash	33	5, 099			2
Southern Oil Co.	Sandoval	Clark	33	38, 069			19
Southern Oil and Gas Co.	Casey	Marion	25	1, 562			3
Stclair, Al.	Casey	Clark	72	11, 882			1
Stclair Bros.	704 Shell Bldg., St. Louis, Mo.	Lawrence	154	151, 560	556		29
Silurian Oil Co., The	704 Shell Bldg., St. Louis, Mo.	Crawford	3	2, 628	4		420

TABLE 2—Concluded.

Name of operator	Post office address of operator.	County in which well is located	Number of wells	Production		Number Em- ployees	Explosives nitro- glycerine— quarts
				Oil— barrels	Gas— 1,000 cu. ft.		
Taylor, J. H., Atty.	Flat Rock.	Lawrence.	2	1,500		1	
Toomey, J. D.	Robinson.	Crawford.	45	8,066		5	108
Toomey, J. D.	Robinson.	Lawrence.	10	1,794		1	24
Toomey, J. D.	Robinson.	Wabash.	19	3,584		2	48
Tracy Oil Co.	Mt. Carmel.	Wabash.	1	1,272		1	
Treat, E. M., Petroleum Co.	1301 Union Bank Bldg., Pittsburgh, Pa.	Lawrence.	9	8,600		1	
Turner Oil Co.	Casey.	Clark.	14	2,790		1	40
Turner, Myers and Ellis.	Casey.	Clark.	3	2,623		1	220
Wabash Oil Co.	Allendale.	Wabash.	5	5,934		1	200
Warner-Caldwell Oil Co.	Natl. Bank Bldg., Titusville, Pa.	Crawford.	58	7,185	17	4	
Webster Drilling Co.	Centralia.	Marion.	5	1,044			
Whiteside, J. W. and Co.	Allendale.	Wabash.	4	7,300		1	
Wiser Oil Co., The.	Box 192, Sistersville, W. Va.	Crawford.	28	3,634		2	
Wood Oil Co., The.	Box 192, Sistersville, W. Va.	Lawrence.	25	4,598		2	
Wood Oil Co.	Mt. Carmel.	Wabash.	2	4,777		1	
Young, J. S., Jr.	Lawrenceville.	Lawrence.	1	117			
Young, J. S., Jr., et al., No. 4.	Mt. Carmel.	Wabash.	3	8,502		1	
Young, J. S., Jr., et al., No. 10.	Allendale.	Wabash.	23	85,642		8	240
Young, J. S., Jr., et al., No. 12.	Mt. Carmel.	Wabash.	1	1,411		1	
Young, J. S., Jr.	Lawrenceville.	Wabash.	5	682		2	60
Young, Wireback and Ballard.	Mt. Carmel.	Wabash.	4	6,903		1	40

TABLE 3—SAND AND GRAVEL.

Name of operator	Location of plant		Men employed	Days worked	Explosives	
	Post office	County			Powder— kegs	Dynamite —pounds
Adams, Mrs. Chas.	Sheffield	Bureau	a	a		
American Sand and Gravel Co.	Carpenterville	Kane	a	100		
American Sand and Gravel Co.	Algonquin	McHenry	20	300		
Anderson Sand and Gravel Co.	Rockford	Winnebago	6	200		
Anderson-Theobald Co.	Lawrenceville	Lawrence	9	300		
Atwood-Davis Sand Co.	South Beloit	Winnebago	22	224		
Aurora Gravel Co.	Aurora	Kane	4	300		
Benson-Richards Sand Co.	Ottawa	LaSalle	5	70		1,700
Best, Thos. A.	Peoria	Peoria	1	a		
Burlington Sand and Gravel Co.	Kettisburg	Mercer	5	104		
Byron Sand and Stone Co.	Byron	Ogle	4	250		1,000
C. G. W. R. R. Co.	Granville	Ogle	30	20		
Concrete Bldg. and Pro. Co.	Granville	Putnam	a	240		
Conkey, H. D., and Co.	Monrois	Putnam	12	204		
Conkey, H. D., and Co.	Yorkville	Kendall	16	177		
Conkey, H. D., and Co.	Aurora	Kane	22	238		
Conkey, H. D., and Co.	Oregon	Ogle	14	192		
Consumers Co.	So. Beloit	Winnebago	25	225		
Coogan Gravel Co.	Algonquin	McHenry	23	181		100
Davis, T. B. and S. S.	Chillicothe	Peoria	265	300		
Decatur Hydraulic Sand and Gravel	Rock Island	Rock Island	6	106		
Dercks, H. F.	Decatur	Macon	2	155		
Dipper Bros.	Algonquin	McHenry	4	60		
DuPage Sand and Gravel Co.	Decatur	Macon	2	250		
East Peoria Sand and Gravel Co.	West Chicago	Du Page	7	200		
Eastwood, R. H. Sand and Gravel Works	East Peoria	Tazewell	7	250		
Einsweiler, F. and Son.	Grayville	White	3	200		
Flick, W. H.	Gallena	Jo Daviess	4	120		
Foley, M. Co.	Oregon	Ogle	2	200		
Galesburg Sand and Gravel Co.	Niles Center	Cook	7	30		
Geiser, Wm.	Burnett	Bureau	3	300		200
Gibbons and Griffin Co.	Freeport	Stephenson	1	200		
Gundy, L. M.	Carpenterville	Kane	35	244		200
Hamilton Washed Sand and Gravel Co.	Richie	Will	3	125		
Hibbard Geo. A., and Son.	Hamilton	Hancock	4	200		
Hohn-Page Co.	Peoria	Peoria	1	300		
Illinois Central System	Rockford	Winnebago	5	225		
Ives, C. H.	Forreston	Ogle	16	201		
	Dixon	Lee	3	208		

TABLE 3—Continued.

Name of operator	Location of plant		Output of product in tons	Men employed	Days worked	Explosives	
	Post office	County				Powder—kegs	Dynamite—pounds
Johnson, E. L.	Vandalia.	Fayette.	675	2	25	..	..
Joliet Gravel Co.	Joliet.	Will.	188,875	22	208	..	..
Kahl, Louis.	Millsdale.	Kane.	2,500	3	90	..	5
Kennedy, D.	Huntley.	Knox.	300	a	a	..	..
Kinder, Web.	Elmwood.	..	10,000	3	a	..	..
Knox, Marcia.	Lawrenceville.	Lawrence.	4,000	3	a	..	..
Krumpf Bros.	Round Grove.	Whiteside.	11,740	2	235	..	..
Lahr, Fred P.	Barrington.	Cook.	5,100	2	250	..	..
Lake Sand Corporation.	Rock Falls.	Whiteside.	406,000	25	308	..	..
Larsen and Larsen Sand Co.	Chicago.	Cook.	7,000	40	234	..	..
Lincoln Sand and Gravel Co.	Lincoln.	Will.	279,363	7	250	..	..
Lind Bros.	Joliet.	Will.	6,500	2	120	..	..
Lutz, Chas. D.	Mulberry Grove.	Bond.	7,200	7	287	..	..
McGrath Sand and Gravel Co.	Chillicothe.	Peoria.	534,274	30	277	..	25
McGrath Sand and Gravel Co.	Forreston.	Ogle.	286,210	25	246	..	25
McGrath Sand and Gravel Co.	McKinaw.	Tazewell.	80,915	8	200	..	250
McGrath Sand and Gravel Co.	Pekin.	Tazewell.	313,200	30	200	..	25
McGrath Sand and Gravel Co.	Shawneetown.	Gallatin.	145,824	40	244	..	..
Martin, Mrs. Rose D.	Elgin.	Kane.	7,674	1	70	..	..
Meckling, A. L., Gravel Co.	Sheffield.	Bureau.	13,500	6	182	..	..
Millan Sand and Gravel Co.	Silvis.	Rock Island.	13,998	3	230	..	..
Miller Investment Co.	Greenville.	Bond.	4,000	7	156	..	..
Moline Consumers Co.	Ottawa.	LaSalle.	300,190	30	200	..	..
Missouri Portland Cement Co.	East St. Louis.	St. Clair.	213,450	10	250	..	..
Moline Consumers Co.	Moine.	Rock Island.	38,099	10	200	..	..
Moore, E. T., Co.	Carpenterville.	Kane.	600	2	150	..	..
Moulton, Mrs. Ida C.	Franklin Grove.	..	9,500	2	160	..	..
Mt. Carmel Sand and Gravel Co.	Mt. Carmel.	Wabash.	56,279	12	200	..	..
Munz, Conrar, Sr.	Palmer.	Livingston.	700	3	10	..	..
Neal Gravel Co.	Palestine.	Crawford.	173,252	10	198	..	..
Nicol, Gust, Sand Co.	Greenville.	Bond.	11,555	5	200	..	..
Nicol, Gust, Sand Co.	Greenville.	Cass.	5,716	6	150	..	..
Nicholson, J. C.	Donica.	LaSalle.	20,601	1	a	..	..
Nordstrom, C. F., and Sons.	Rockford.	Winnebago.	1,650	3	270	..	..
North Shore Material Co.	Libertyville.	Lake.	160,000	19	220	..	..
Olson, Henry.	Zion.	Lake.	750	a	270	..	..
Platt, J. A.	Quincy.	Adams.	360	1	120	..	..
Powell and Wing.	Elgin.	Kane.	22,831	1	190	..	..
Purity Moulding Sand Co.	Dallas City.	Henderson.	16,000	5	250	..	..
Pyott Sand and Gravel Co.	Algonquin.	McHenry.	316,500	15	250	..	..

TABLE 3—Concluded.

Name of operator	Location of plant		Men employed	Days worked	Explosives	
	Post office	County			Powder— kegs	Dynamite— pounds
Quincy Sand Co.	Quincy	Adams	6	200		
Redd, John	Park Ridge	Cook	3	200		
Redd, A. Y. Gravel Co.	Elgin	Kane	20	255		
Reinberg, John Co.	Chicago	Cook	4	160		
Richardson Sand Co.	Coleman	Kane	10	100		
Richardson Sand Co.	Carpentersville	Kane	20	200		1,000
Ritzert, W. H.	Naperville	DuPage	7	225		
Rock Island Sand and Gravel Co.	Rock Island	Rock Island	14	200		
Rock River Sand and Gravel Co.	Rock River	Whiteside	3	225		
Rockton Molding Sand Co.	Rockton	Winnebago	8	110		3
Rockton Molding Sand Co.	Wilmington	Will	4	34		5
Rogers Park Sand and Gravel Co.	Chicago	Cook	6	200		
Rudat, August	Crystal Lake	McHenry	1	160		
Schneider, Wm. R.	Elgin	Kane	3	200		
Schneider Sand and Gravel Co.	Rock Island	Rock Island	6	195		
Service Sand and Gravel Co.	Rockford	Winnebago	12	190		
South Elgin Sand and Gravel Co.	South Elgin	Kane	22	200		
South Lacon Sand and Gravel Co.	Lacon	Marshall	3	150		
Spicer, Mrs. Louise	Marseilles	LaSalle	5	234		50
Spring Lake Gravel Co.	Spring Lake	McHenry	6	150		50
Springfield-Pekin Sand and Gravel Co.	Pekin	Tazewell	12	310		
Sprinkler Bros.	Aurora	Kane	2	110		
Stever, S. K.	Peoria	Peoria	1	200		
Stoker Gravel and Construction Co.	Highland	Madison	3	200		1,500
Terry and Lewis Sand and Gravel Co.	Gladstone	Henderson	5	268		
Township of Aurora	Aurora	Kane	6	300		50
Uffadel, A. and Sons	Wheeling	Cook	3	50		
Vernon Material Co.	Prairie View	Lake	2	240		
Wallin, Elmer W.	Rockford	Winnebago	1	265		
Warren Sand Co.	Greenville	Bond	5	120		
Western Indiana Gravel Co.	Metropolis	Massac	15	250		
Western Sand and Gravel Co.	Spring Valley	Bureau	14	200		
Wilkinson, C. W., Sand Co.	Wedron	LaSalle	6	300		4,000
Wisconsin Lime and Cement Co.	Chicago	LaSalle	44	208		125
Wolcott, O. S., Gravel Co.	Batavia	Kane	1	100		100
Wood's, Beder, Sons	Moline	Rock Island	10	225		
Woodstock Sand and Gravel Co.	Woodstock	McHenry	12	290		
Yortee-Roberts Sand Co.	Chester	Randolph	6	234		

a Not reported.

TABLE 4—SHALE AND CLAY.

Name of operator	Location of plant		Pro- duction in tons	Finished product	Men employed	Days worked	Explosives	
	Post office	County					Powder— kegs	Dynamite —pounds
Albion Brick Co.	Albion.	Edwards.	39, 317 Brick.	Brick.	50	295		4,000
Albion Shale Brick Co.	Albion.	Edwards.	33,000 Brick.	Brick.	70	225		18,000
Alton Brick Co.	Alton.	Madison.	50,607 Brick.	Brick.	90		446	1,600
Alton Brick Co.	Edwardsville.	Madison.	39,419 Brick.	Brick.	70	260	500	1,550
Baird Bros.	Colchester.	McDonough.	15,726 Pottery Ware.		10	160		20,000
Baker, Robt. E.	Litchfield.	Montgomery.	177 Brick.	Brick.	3	35		
Beale, J. M. and Co.	Pawpaw.	Lee.	2,650 Tile.		13	156		
Belleville Brick Co.	Belleville.	St. Clair.	24,813 Brick.	Brick.	25	228		
Bohnsack Brick Co.	Chicago.	Cook.	113,500 Brick.	Brick.	105	a		
Builders Brick Co.	Chicago Heights.	Cook.	134,632 Brick.	Brick.	120	235		
Bohnsack Brick Co.	Campbell Hill.	Jackson.	80,490 Brick.	Brick.	6	250		
Carrollton Clay Corporation.	Carrollton.	Greene.	6,750 Brick.	Brick.	25	150		3,000
Chicago Brick Co.	Chicago.	Cook.	5,140 Brick and Tile.		12	276		
Chicago Refort and Fire Brick Co.	Ottawa.	LaSalle.	231,882 Brick.	Brick.	107	254		
Colchester Brick and Tile Co.	Colchester.	McDonough.	51,425 Fire Brick.	Brick.	12	301	550	9,150
Collinsville Clay Products Co., No. 1.	Collinsville.	Madison.	10,000 Brick and tile.		30	262		3,000
Danville Brick Co.	Danville.	Vermilion.	2,210 Brick.	Brick.	12	120		
Decatur Brick Mfg. Co.	Springfield.	Sangamon.	75,000 Brick.	Brick.	155	300		
Eastern Illinois Clay Co.	St. Anne.	Kankakee.	47,665 Brick.	Brick.	79	230		400
Fleisher, F. E.	Morrisville.	Christian.	800 Tile.		50	310		
Ford Brick and Tile Co.	Harrisburg.	Saline.	4,150 Brick and tile.		2	180		900
Gates Fire Clay Co.	Colchester.	McDonough.	9,300 Flue linings.		17	122		4,000
Gem City Press Brick Co.	Quincy.	Adams.	5,600 Brick.	Brick.	38	121		
Hacker Brick and Tile Co.	Coal City.	Grundy.	14,923 Brick and tile.		20	200		
Hill Brick Co.	O'Fallon.	LaSalle.	20,000 Fire clay.		6	300		700
Hydraulic Press Brick Co.	St. Clair.	Madison.	60,000 Brick.	Brick.	9	307		16,000
Hydraulic Press Brick Co.	Marshall.	Madison.	37,200 Brick.	Brick.	83	285		8,000
Illinois Brick Co., Yard 1.	Northbrook.	Cook.	14,602 Brick.	Brick.	265	159	245	50,000
Illinois Brick Co., Yard 3.	Chicago.	Cook.	80,192 Brick.	Brick.	101	165		
Illinois Brick Co., Yard 5.	Evansston.	Cook.	113,784 Brick.	Brick.	102	221		
Illinois Brick Co., Yard 17.	Blue Island.	Cook.	116,351 Brick.	Brick.	106	263		
Illinois Brick Co., Yard 22.	Blue Island.	Cook.	107,593 Brick.	Brick.	108	204		
Illinois Brick Co., Yard 30.	Berence.	Cook.	228,299 Brick.	Brick.	190	222		
			115,354 Brick.	Brick.	136	229		

TABLE 4—Continued.

Name of operator	Location of plant		Pro- duction in tons	Finished product	Men employed	Days worked	Explosives	
	Post office	County					Powder— kegs	Dynamite —pounds
Illinois Brick Co., Yard 35.	Dolton.	Cook.	60, 964 Brick.		100	123		
Illinois Brick Co., Yard 37.	Manteno.	Kankakee.	95, 343 Brick.		103	170		
Illinois Brick Co., Yard 40.	Lansing.	Cook.	141, 402 Brick.		158	267		
Illinois Brick Co., Yard 42.	Blue Island.	Cook.	44, 761 Brick.		108	96		
Illinois Clay Products Co.	Morris.	Grundy.	64, 000 Fire Clay.		310	310		4, 400
Illinois Kasin Co.	Anna.	Union.	2, 700 Clay ware.		10	200		1, 000
Kankakee Tile and Brick Co.	Kankakee.	Kankakee.	48, 640 Clay ware.		66	308		
Kloss Brick Co.	Belleville.	St. Clair.	10, 000 Brick.		12	180		
Lake View Brick Co., Yard 1.	Chicago.	Cook.	20, 000 Brick.		105	165		
Lake View Brick Co., Yard 2.	Chicago.	Cook.	20, 000 Brick.		130	300		
Lowell Stoneware Co.	Tonica.	LaSalle.	1, 000 Pottery ware.		14	200		100
McLaughlin Mining Co.	Ailey.	Scott.	20, 831 Clay ware.		15	211	400	25
McLeansboro Shale Products Co.	McLeansboro.	Hamilton.	5, 000 a		30	263		
Mathiessen and Hegeler Zinc Co.	LaSalle.	LaSalle.	772 Fire clay.		5	33	15	
Metcalf Drain Tile Works.	Metcalf.	Edgar.	750 Tile.		5	260		
Moody Bros.	Carlinville.	Macoupin.	840 a		5	80		
Moore, E. T., Co.	St. Charles.	Kane.	1, 450 a		1	150		
Morton Brick and Tile Works.	Morton.	Tazewell.	1, 250 Tile.		7	200		
Mt. Olive Brick and Tile Co.	Mt. Olive.	Macoupin.	768 Brick and tile.		6	160		
Munson Bros. and Co.	Capron.	Boone.	2, 720 Tile.		9	200		
Murphysboro Paving Brick Co.	Murphysboro.	Jackson.	63, 680 Brick.		130	194		1, 000
National Brick Co.	Chicago Heights.	Cook.	201, 657 Brick.		125	252		
National Brick Co.	Deerfield.	Cook.	155, 568 Brick.		125	223		300
National Brick Co.	Weber Station.	Cook.	186, 735 Brick.		125	215		
National Fire Proofing Co.	Ottawa.	LaSalle.	68, 400 Tile.		74	300		
National Fire Proofing Co.	Ottawa.	LaSalle.	40, 000 Tile.		52	305		
National Fire Proofing Co.	Pullman.	LaSalle.	32, 000 Tile.		67	200		
National Fire Proofing Co.	New Windsor.	Mercer.	14, 074 Tile.		75	265		2, 000
Northwestern Clay Mfg. Co.	Colchester.	McDonough.	15, 000 a		10	300		4, 500
Onencheff Brick and Tile Co.	Peoria.	Bureau.	3, 000 Brick and tile.		10	100		
Peoria Brick and Tile Co.	East Peoria.	Tazewell.	35, 000 Brick and tile.		52	230	300	2, 500
Peston Brick Co.	Springfield.	Knox.	30, 000 Brick.		64	240		1, 000
Purinton Paving Brick Co.	E. Galesburg.	Sangamon.	123, 593 Brick.		296	234	734	3, 000
Richards Brick Co.	Edwardsville.	Madison.	13, 968 Brick.		40	250		
Rodgers, L. E., Clay Products Co.	Ottawa.	LaSalle.	11, 101 Brick.		44	264		500

TABLE 4—Concluded.

Name of operator	Location of plant		Pro- duction in tons	Finished product	Men employed	Days worked	Explosives	
	Post office	County					Powder— kegs	Dynamite —pounds
St. Elmo Brick and Tile Co.	St. Elmo.	Fayette	10,893	Brick and tile.	35	199		3,100
Shale Products Co.	Petersburg.	Menard	92,000	Tile.	12	313		800
Sheffield Clay Products Co.	Sheffield.	Bureau	4,000		35	72		100
Springfield Brick Co.	Springfield.	Sangamon	35,090	Brick.	87	181		2,000
Springfield Clay Products Co.	Springfield.	Sangamon	2,600	Tile.	47	300		2,000
Stoneware Pipe Co.	East Alton.	Madison	3,019	Tile.	39	172	35	
Streator Brick Co.	Streator.	LaSalle	96,648	Brick.	107	302		
Streator Clay Mfg. Co.	Streator.	Livingston	85,000		202	255		24,000
Tuthill Drain Tile Co.	Streator.	LaSalle	33,301	Tile.	74	300		250
Walker Building Material Co.	Blue Island.	Cook	180,618	Brick.	87	300		
Walker Clay Products Co.	Gilberts.	Kane	6,800	Tile.	20	240		
Walter, Geo. J.	Chatsworth.	Livingston	2,000	Brick and tile.	11	225		
Western Brick Co.	Danville.	Vermilion	281,750	Brick.	408	310		
West Salem Brick Co.	West Salem.	Edwards	12,500	Brick.	35	300		10,000
Whitacre-Greer Fireproofing Co.	Chicago Heights.	Cook	60,000	Tile.	112	271		

a Not reported.

TABLE 5—SILICA.

Name of operator.	Location of plant		Production in tons	Men employed	Days worked	Explosives	
	Post office	County				Powder—kegs	Dynamite—pounds
Ballou White Sand Co.	Millington	Kendall	30,000	8	300	.....	2,500
Federal Silica Mines.	Utica	LaSalle	50,000	5	200	.....	10,000
Higby-Reynolds Silica Co.	Utica	LaSalle	165,000	40	250	.....	33,000
Illinois Silica Co.	Flo.	Alexander	10,780	30	312	.....	5,500
Illinois Valley Silica Co.	Ottawa	LaSalle	49,645	7	225	.....	6,000
National Plate Glass Co.	Ottawa	LaSalle	130,700	5	312	.....	49,500
Ottawa Silica Moulding Sand Co.	Ottawa	LaSalle	48,000	4	250	.....	7,550
Ottawa Silica Co.	Ottawa	LaSalle	640,994	105	308	.....	144,200
Sinclair Refining Co.	Olmstead	Pulaski	14,947	37	300	.....	996
Standard Silica Co.	Ottawa	LaSalle	216,554	45	310	.....	39,800
Standard Silica Co.	Rock Island	LaSalle	60,355	16	108	.....	11,950
Standard Oil Co. (Ind.)	Olmstead	Pulaski	14,170	19	308	.....	1,295
United States Silica Co.	Ottawa	LaSalle	195,361	44	300	.....	31,750
Wedron Silica Co.	Wedron	LaSalle	180,000	51	300	.....	.....
Western Fire Brick Co.	Elco	Alexander	627	6	20	.....	300

TABLE 6 LIMESTONE—OUTPUT BY COUNTIES, KIND OF FINISHED PRODUCT, MEN EMPLOYED, AVERAGE DAYS WORKED AND AMOUNT AND KIND OF EXPLOSIVES USED.

No.	County	Number		Raw material used—tons	Finished product	Employed	Average days worked	Explosives used	
		Operators	Plants					Powder—kegs	Dynamite—pounds
1	Adams.....	2	3	166,509	Lime.....	115	300	1,262	.....
	Adams.....	3	3	11,777	Crushed stone.....	49	133	160	11,830
2	Bond.....	1	1	2,000	Crushed stone.....	9	65	.....	350
3	Boone.....	1	1	14,200	Crushed stone.....	12	140	.....	4,000
4	Bureau.....	1	1	100	Crushed stone.....	a	a	.....	.....
5	Clark.....	2	2	12,245	Crushed stone.....	27	69	.....	3,300
6	Cook.....	1	1	174,000	Lime.....	74	270	.....	24,000
	Cook.....	11	12	6,170,506	Crushed stone.....	1,107	244	19,330	1,696,250
7	DuPage.....	2	2	295,600	Crushed stone.....	42	210	.....	110,000
8	Greene.....	1	1	10,725	Crushed stone.....	17	250	.....	14,000
9	Hardin.....	1	1	25,000	Crushed stone.....	40	120	.....	4,000
10	Jersey.....	1	1	6,062	Crushed stone.....	27	210	.....	3,000
11	Johnson.....	1	1	56,893	Crushed stone.....	60	174	.....	10,900
12	Kane.....	1	1	2,008	Crushed stone.....	3	227	.....	.....
13	Kankakee.....	2	2	462,270	Crushed stone.....	101	167	.....	63,070
14	LaSalle.....	1	1	35,091	Crushed stone.....	56	310	.....	70,000
	LaSalle.....	3	3	2,982,041	Portland cement.....	1,237	296	.....	590,551
15	Lee.....	1	1	329,812	Portland cement.....	245	247	.....	91,250
	Lee.....	1	1	4,500	Lime.....	5	40	.....	300
16	McDonough.....	1	1	2,000	Crushed stone.....	8	12	.....	.....
17	Madison.....	1	1	121,500	Crushed stone.....	40	300	.....	75,000
	Madison.....	1	1	5,958	Whiting.....	24	234	.....	600
18	Monroe.....	1	1	2,000	Lime.....	8	180	.....	.....
	Monroe.....	1	1	277,175	Crushed stone.....	87	300	.....	108,850
19	Pope.....	1	1	21,000	Crushed stone.....	24	70	.....	4,200
20	Randolph.....	2	2	53,064	Crushed stone.....	432	154	.....	8,600
21	Rock Island.....	3	3	70,749	Crushed stone.....	84	197	150	14,930
22	St. Clair.....	5	6	772,952	Crushed stone.....	286	205	85	241,685
23	Union.....	2	2	128,908	Crushed stone.....	56	135	.....	37,100
24	Washington.....	1	1	866	Crushed stone.....	5	160	.....	160
25	Will.....	4	4	771,840	Crushed stone.....	333	210	.....	363,084
26	Winnebago.....	1	1	17,453	Crushed stone.....	24	90	800	.....
Total.....		60	64	13,006,804		4,637	156	21,787	3,551,010

a Not reported.

TABLE 7—OIL AND GAS WELLS—NUMBER OF OPERATORS, WELLS, PRODUCTION, EMPLOYEES AND EXPLOSIVES USED.

No.	County	Number of		Production		Men employed	Explosive used—nitroglycerine—quarts
		Operators	Wells	Oil—barrels of 42 gallons	Gas—M. cu. ft.		
1	Clark.....	17	1,688	440,936	3,852	185	3,000
2	Clinton.....	1	110	54,085		13	
3	Coles.....	1	16	1,299		1	
4	Crawford.....	38	6,904	1,848,943	124,046	619	684
5	Cumberland.....	2	635	151,911	173	35	1,010
6	Hancock.....	1	13	2,330		1	
7	Jackson.....	1	32	2,375	133,221	6	
8	Lawrence.....	22	3,778	2,713,718	12,656	644	1,972
9	Macoupin.....	3	5		6,410		
10	McDonough.....	2	318	84,337		21	
11	Marion.....	9	152	109,310	2,000	39	
12	Monroe.....	1	34	7,847		6	
13	Wabash.....	26	192	341,463	31,140	56	1,248
	Total.....	88	13,877	5,758,554	313,498	1,626	7,914

TABLE 8—SAND AND GRAVEL—NUMBER OF OPERATORS AND PLANTS, PRODUCTION, MEN EMPLOYED, AVERAGE DAYS WORKED AND AMOUNT OF EXPLOSIVES USED.
BY COUNTIES.

County	Number of		Production in tons	Number em- ployed	Aver- age days worked	Explo- sives used— dyna- mite— pounds
	Oper- ators	Plants				
Adams.....	2	2	32,360	7	160	
Bond.....	4	4	26,955	24	149	
Bureau.....	4	4	196,660	a 23	a 227	200
Cass.....	1	1	5,716	6	150	
Cook.....	8	8	2,012,593	94	174	125
Crawford.....	1	1	173,252	10	198	
Du Page.....	2	2	60,992	14	212	
Fayette.....	1	1	675	2	25	
Gallatin.....	1	1	145,824	40	244	
Hancock.....	1	1	22,000	4	200	
Henderson.....	2	2	41,000	10	259	
Jo Daviess.....	1	1	5,000	4	120	
Kane.....	15	16	1,427,320	152	178	* 1,355
Kendall.....	1	1	130,226	16	177	
Knox.....	1	1	300	a	a	
Lake.....	3	3	165,250	a 21	a 230	
LaSalle.....	5	5	426,228	47	a 201	5,750
Lawrence.....	2	2	110,000	12	a 300	
Lee.....	2	2	10,020	5	184	
Livingston.....	1	1	700	3	10	
Logan.....	1	1	279,363	40	234	
McHenry.....	7	7	965,327	70	199	50
Macon.....	2	2	27,009	4	202	
Madison.....	1	1	19,900	3	200	1,500
Marshall.....	1	1	5,000	3	150	
Massac.....	1	1	75,000	15	250	
Mercer.....	1	1	5,000	5	104	
Ogle.....	6	6	636,790	91	190	1,025
Peoria.....	5	5	740,392	298	a 272	125
Putnam.....	2	2	93,064	a 12	222	
Randolph.....	1	1	64,000	6	234	
Rock Island.....	6	6	219,121	49	193	
St. Clair.....	1	1	213,450	10	250	
Stephenson.....	1	1	700	1	200	
Tazewell.....	3	4	676,615	57	274	275
Wabash.....	1	1	56,279	12	200	
White.....	1	1	45,000	3	200	
Whiteside.....	3	3	19,100	10	a 237	
Will.....	5	5	210,890	34	a 154	5
Winnebago.....	8	8	1,308,171	82	214	3
Total.....	105	117	10,653,242	1,299	196	10,413

a One plant did not report.

TABLE 9—SHALE AND CLAY—NUMBER OF OPERATORS, PLANTS, PRODUCTION, FINISHED PRODUCT, EMPLOYEES, AVERAGE DAYS WORKED AND EXPLOSIVES USED, BY COUNTIES.

County	Number of		Production in tons	Finished product	Men employed	Av. days worked	Explosives used	
	Oper-ators	Plants					Powder—kegs	Dyna-mite—pounds
Adams.....	1	1	5,600	Brick.....	20	200		
Boone.....	1	1	2,720	Tile.....	9	200		
Bureau.....	1	1	3,000	Brick and tile.....	10	100		
Bureau.....	1	1	4,000	Not reported.....	35	72		100
Christian.....	1	1	800	Tile.....	2	180		
Cook.....	9	19	2,324, 112	Brick.....	2, 151	221		300
Cook.....	2	2	92,000	Tile.....	179	235		
Edgar.....	1	1	750	Tile.....	5	260		
Edwardsville.....	3	3	84,817	Brick.....	155	273		32,000
Payette.....	1	1	10,895	Brick and tile.....	35	194		3,100
Greene.....	1	1	5,140	Brick and tile.....	12	276		
Grundy.....	1	1	14,923	Brick and tile.....	6	300		700
Grundy.....	1	1	64,000	Fire clay.....	14	310		4,400
Hamilton.....	1	1	5,000	Not reported.....	30	263		
Jackson.....	2	2	70,430	Brick.....	155	172		4,000
Kane.....	1	1	6,800	Tile.....	20	240		
Kane.....	1	1	450	Not reported.....	1	150		
Kankakee.....	1	1	47,568	Tile.....	50	310		
Kankakee.....	1	1	95,342	Brick.....	103	170		
Kankakee.....	1	1	48,640	Clay ware.....	66	308		
Knox.....	1	1	123,593	Brick.....	296	234	734	3,000
LaSalle.....	2	3	141,701	Tile.....	200	302		250
LaSalle.....	2	2	107,749	Brick.....	151	283		500
LaSalle.....	3	3	72,197	Fire clay.....	24	214	565	25,150
LaSalle.....	1	1	1,000	Clay ware.....	14	200		100
Lee.....	1	1	2,650	Tile.....	13	156		
Livingston.....	1	1	2,000	Brick and tile.....	11	225		
Livingston.....	1	1	85,000	Not reported.....	202	255		24,000
McDonough.....	1	1	15,762	Clay ware.....	10	160		20,000
McDonough.....	1	1	10,000	Brick and tile.....	30	262		3,000
McDonough.....	1	1	9,300	Flue lining.....	38	310		4,000
McDonough.....	1	1	15,000	Not reported.....	10	300		4,500
Macoupin.....	1	1	768	Brick and tile.....	6	160		
Macoupin.....	1	1	840	Not reported.....	5	80		
Madison.....	4	5	120,806	Brick.....	313	206	1,191	3,150
Madison.....	1	1	3,019	Tile.....	39	172	35	
Marshall.....	1	1	37,200	Brick.....	83	265		50,000
Menard.....	1	1	92,000	Tile.....	12	313		800
Mercer.....	1	1	14,074	Tile.....	75	265		2,000
Montgomery.....	1	1	177	Brick.....	3	35		
St. Clair.....	3	3	93,813	Brick.....	108	231		8,000
Saline.....	1	1	4,150	Brick and tile.....	17	122		900
Sangamon.....	3	3	112,755	Brick.....	230	217		3,400
Sangamon.....	1	1	2,600	Tile.....	47	300		2,000
Scott.....	1	1	20,831	Clay ware.....	15	211	400	25
Tazewell.....	1	1	1,250	Tile.....	7	200		
Tazewell.....	1	1	35,000	Brick and tile.....	52	230	300	2,500
Union.....	1	1	2,700	Clay ware.....	10	200		1,000
Vermilion.....	2	2	356,750	Brick.....	563	205		
Total.....	69	85	4,371,672		5,642	225	1,325	202,875

TABLE 10—SILICA—NUMBER OF OPERATORS AND PLANTS, PRODUCTION, EMPLOYEES, AVERAGE DAYS WORKED AND EXPLOSIVES USED.

County	Number of		Production in tons	Men employed	Average days worked	Explosives used dynamite—pounds
	Operators	Plants				
Alexander.....	2	2	11,407	36	166	5,800
Kendall.....	1	1	30,000	8	300	2,500
LaSalle.....	9	10	1,736,609	322	256	333,750
Pulaski.....	2	2	29,117	56	304	2,291
Total.....	14	15	1,807,133	422	254	344,341

TABLE 11—SUMMARY OF TABLES 6, 7, 8, 9 AND 10.

Industry	Number of			Production	Number Employed	Average days worked	Explosives used			Accidents	
	Counties	Operators	Plants				Powder—kegs	Dynamite—pounds	Nitroglycerine—quarts	Killed	Injured
Limestone.....	26	60	64	a13,006,804	4,637	156	26,787	3,551,010	.....	5	99
Oil and gas.....	13	88	13	b 5,758,554	1,626	.....	.....	.....	7,914	2	59
Oil and gas.....	.....	.....	c	313,498	.....	.....	.....	.....	.....	.....	.....
Sand and gravel.....	40	105	117	a10,653,242	1,299	196	.....	10,413	.....	.....	19
Shale and clay.....	32	69	85	a 4,371,672	5,642	225	1,325	202,875	.....	.....	12
Silica.....	4	14	15	a 1,807,133	422	254	.....	344,341	.....	1	9
Total.....	71	336	14,158	a29,838,851 b 5,758,554 c 313,498	13,626	170	28,112	4,108,639	7,914	8	198

a Tons. b Barrels of oil. c 1000 cu. ft. of gas.

TABLE 12—NUMBER OF OPERATORS, PLANTS, PRODUCTION, INDUSTRIES,

Number	County	Limestone					Oil and gas				
		Op-er-a-tors	Plants	Produc-tion—tons	Em-ploy-ees	Aver-age days work-ed	Op-er-a-tors	Wells	Production		Em-ploy-ees
									Oil, barrels	Gas 1,000 Cu. Ft.	
1	Adams.....	5	6	178,286	164	217					
2	Alexander.....										
3	Bond.....	1	1	2,000	9	65					
4	Boone.....	1	1	14,200	12	140					
5	Bureau.....	1	1	100	a	a					
6	Cass.....										
7	Christian.....										
8	Clark.....	2	2	12,245	27	69	17	1,688	440,936	3,852	185
9	Clinton.....						1	110	54,085		13
10	Coles.....						1	16	1,299		1
11	Cook.....	12	13	6,344,506	1,181	246					
12	Crawford.....						38	6,904	1,848,943	124,046	619
13	Cumberland.....						2	635	151,911	173	35
14	DuPage.....	2	2	295,600	42	210					
15	Edgar.....										
16	Edwards.....										
17	Fayette.....										
18	Gallatin.....										
19	Greene.....	1	1	10,725	17	250					
20	Grundy.....										
21	Hamilton.....										
22	Hancock.....						1	13	2,330		1
23	Hardin.....	1	1	25,000	40	120					
24	Henderson.....										
25	Jackson.....						1	32	2,375	133,221	6
26	Jersey.....	1	1	6,062	27	210					
27	Jo Daviess.....										
28	Johnson.....	1	1	56,893	60	174					
29	Kane.....	1	1	2,008	3	227					
30	Kankakee.....	2	2	462,270	101	167					
31	Kendall.....										
32	Knox.....										
33	Lake.....										
34	LaSalle.....	4	4	3,017,132	1,293	300					
35	Lawrence.....						22	3,778	2,713,718	12,656	644
36	Lee.....	2	2	334,312	250	143					
37	Livingston.....										
38	Logan.....										
39	McDonough.....	1	1	2,000	8	12	2	318	84,337		21
40	McHenry.....										
41	Macon.....										
42	Macoupin.....						3	5		6,410	
43	Madison.....	2	2	127,458	64	267					
44	Marion.....						9	152	109,310	2,000	39
45	Marshall.....										
46	Massac.....										
47	Menard.....										
48	Mercer.....										
49	Monroe.....	2	2	279,175	95	240	1	34	7,847		6
50	Montgomery.....										
51	Ogle.....										
52	Peoria.....										
53	Pope.....	1	1	21,000	24	70					
54	Pulaski.....										
55	Putnam.....										
56	Randolph.....	2	2	53,064	432	154					

Sand and gravel					Shale and clay					Silica					Number
O p- erators	Plants	Produc- tion— tons	Em- ploy- ees	Aver- age days work- ed	O p- erators	Plants	Produc- tion— tons	Em- ploy- ees	Aver- age days work- ed	O p- erators	Plants	Produc- tion— tons	Em- ploy- ees	Aver- age days work- ed	
2	2	32,360	7	160	1	1	5,600	20	200	2	2	11,407	36	166	1
4	4	26,955	24	149	1	1	2,720	9	200						2
4	4	196,660	23	227	2	2	7,000	45	86						3
1	1	5,716	6	150	1	1	800	2	180						4
															5
															6
															7
															8
8	8	2,012,593	94	174	11	21	2,416,112	2,330	222						9
1	1	173,252	10	198											10
2	2	60,992	14	212											11
					1	1	750	5	260						12
					3	3	84,817	155	273						13
1	1	675	2	25	1	1	10,895	35	194						14
1	1	145,824	40	244											15
					1	1	5,140	12	276						16
					2	2	78,923	20	305						17
					1	1	5,000	30	263						18
1	1	22,000	4	200											19
2	2	41,000	10	259	2	2	70,430	155	172						20
1	1	5,000	4	120											21
15	16	1,427,320	152	178	2	2	7,250	21	195						22
					3	3	191,550	219	263						23
1	1	130,226	16	177	1	1	123,593	296	234	1	1	30,000	8	300	24
1	1	300	a	230											25
3	3	165,250	21	230											26
5	5	426,228	47	201	8	9	322,647	389	257	9	10	1,736,609	322	256	27
2	2	110,000	12	300											28
2	2	10,020	5	184	1	1	2,650	13	156						29
1	1	700	3	10	2	2	87,000	213	240						30
1	1	279,363	40	234											31
					4	4	50,062	88	258						32
7	7	965,327	70	199											33
2	2	27,009	4	202											34
					2	2	1,608	11	120						35
1	1	19,900	3	200	5	6	123,825	352	200						36
															37
1	1	5,000	3	150	1										

TABLE 12—

Number	County	Limestone					Oil and gas				
		Op- era- tors	Plants	Produc- tion— tons	Em- ploy- ees	Aver- age days work- ed	Op- era- tors	Wells	Production		Em- ploy- ees
									Oil, barrels	Gas 1,000 Cu. Ft.	
57	Rock Island.	3	3	70,749	84	197					
58	Saline.										
59	Sangamon.										
60	St. Clair.	5	6	772,952	286	205					
61	Scott.										
62	Stephenson.										
63	Tazewell.										
64	Union.	2	2	128,908	56	135					
65	Vermilion.										
66	Wabash.						26	192	341,463	31,140	56
67	Washington.	1	1	866	5	160					
68	White.										
69	Whiteside.										
70	Will.	4	4	771,840	333	210					
71	Winnebago.	1	1	17,453	24	90					
	Total.	60	64	13,006,804	4,637	156	88	13,877	5,758,554	313,498	1,626

Concluded.

Sand and gravel					Shale and clay					Silica					Number
O p- era- tors	Plants	Produc- tion— tons	Em- ploy- ees	Aver- age days work- ed	O p- era- tors	Plants	Produc- tion— tons	Em- ploy- ees	Aver- age- days work- ed	O p- era- tors	Plants	Produc- tion— tons	Em- ploy- ees	Aver- age days work- ed	
6	6	219,121	49	193											57
					1	1	4,150	17	122						58
					4	4	115,355	277	238						59
1	1	213,450	10	250	3	3	93,813	108	231						60
					1	1	20,831	15	211						61
1	1	700	1	200											62
3	4	676,615	57	274	2	2	36,250	59	215						63
					1	1	2,700	10	200						64
					2	2	356,750	563	205						65
1	1	56,279	12	200											66
															67
1	1	45,000	3	200											68
3	3	19,100	10	237											69
5	5	210,890	34	154											70
8	8	1,308,171	82	214											71
105	117	10,653,242	1,299	196	69	85	4,371,672	5,642	225	14	15	1,807,133	422	254	

TABLE 13—FATAL CASUALTIES.

Date 1927	Name	Age	Occupation	Residence	Name of operator	Industry	Cause of death
Mar.	4 A. H. Grady.....	67	Pumper.....	Lawrenceville.....	The Ohio Oil Co.....	Oil and gas.....	Struck by hook
June	22 Frank Kreson.....	42	Repairman.....	Hodgkins.....	Consumers Co.....	Limestone.....	Struck by engine
July	22 Dale Little.....	22	Fireman.....	Hodgkins.....	Dolese & Shepard Co.....	Limestone.....	Struck by steam shovel
Sept.	17 Michael Dowich.....	a	Laborer.....	Lenont.....	Great Lakes Dredge & Dock Co.....	Limestone.....	Electrocuted
Sept.	30 T. J. Grant.....	33	Blacksmith.....	Joliet.....	National Stone Co.....	Limestone.....	Struck by piece of timber
Oct.	15 Charles Ingham.....	55	Superintendent.....	Ottawa.....	Ill. Valley Silica Co.....	Silica.....	Caught in pulley belt
Oct.	31 Oscar Hansen.....	57	Laborer.....	Congress Park.....	Superior Stone Co.....	Limestone.....	Runover by truck
Dec.	22 Lloyd Endsley.....	21	Laborer.....	Plymouth.....	The Ohio Oil Co.....	Oil and gas.....	Spasmodic asthma

a Not reported.

TABLE 14—NON-FATAL ACCIDENTS BY COMPANIES, INDUSTRIES AND TIME LOST.

Name of operator	Industry	Number injured	Not re- turned to work	Time lost by men returned to work, days	
				Total	Average
Albion Brick Co.	Shale and clay. . .	6		281	47
Albion Shale Brick Co.	Shale and clay. . .	2		110	55
Alpha Portland Cement Co.	Lime stone. . .	1		10	10
Associated Producers Co.	Oil and gas. . .	3		199	66
Burlington Sand and Gravel Co.	Sand and gravel. . .	1		6	6
Casper-Stolle Quarry and Construction Co.	Lime stone. . .	19		418	22
Dolese and Shepard Co.	Lime stone. . .	12		306	26
DuPage Sand and Gravel Co.	Sand and gravel. . .	1		45	45
East St. Louis Stone Co.	Lime stone. . .	3		122	41
Illinois Clay Products Co.	Shale and clay. . .	1	1		
Kahl, Louis.	Sand and gravel. . .	1		2	2
Kennedy, Wm. C., Co.	Oil and gas. . .	1		30	30
Lehigh Portland Cement Co.	Lime stone. . .	2		108	54
Lincoln Crushed Stone Co.	Lime stone. . .	7		102	15
McBride, W. C., Inc.	Oil and gas. . .	7		184	26
McGrath Sand and Gravel Co.	Sand and gravel. . .	12	1	99	9
Marblehead Lime Co.	Lime stone. . .	15		398	27
Markgraf Stone Co.	Lime stone. . .	9		96	11
Marquette Cement Mfg. Co.	Lime stone. . .	1		4	4
Max Oil Co.	Oil and gas. . .	1		21	21
Milan Sand and Gravel Co.	Sand and gravel. . .	1		157	157
Mississippi Lime and Material Co.	Lime stone. . .	10		286	29
Moline Consumers Co.	Sand and gravel. . .	1		1	1
National Stone Co.	Lime stone. . .	9		290	32
Neal Gravel Co.	Sand and gravel. . .	2		85	48
Ohio Oil Co.	Oil and gas. . .	41	4	1,110	30
O'Laughlin, A. C., Co.	Lime stone. . .	7		176	25
Pemberton Oil and Gas Co.	Oil and gas. . .	1		21	21
Silurian Oil Co., The.	Oil and gas. . .	5		21	4
Sinclair Refining Co.	Silica. . .	2		8	4
Springfield Brick Co.	Shale and clay. . .	2		22	11
Standard Silica Co.	Silica. . .	7		80	11
U. G. I. Contracting Co., The.	Lime stone. . .	1		15	15
Western Brick Co.	Shale and clay. . .	1		3	3
Western Whiting and Mfg. Co.	Lime stone. . .	3		6	2
Total.		198	6	4,822	25

REPORT OF DIVISION OF FLUORSPAR

The tables following, reveal the activities of the metal mines. Compared with last year, a reduction in fluorspar and lead is shown, while a considerable increase in zinc is noted. The time worked this year is an average for all mines of 149 days, while 259 days was the average last year.

TABLE 1—NAME OF OPERATOR, GENERAL OFFICE OF COMPANY, LOCATION OF MINE, DEPTH OF SHAFT, METHOD OF MINING, UNDERGROUND HAULAGE AND METHOD OF HOISTING.

Name of operator	General office of company	Location of mine		Depth of shaft in feet	Method of mining	Under ground haulage	Hoisting
		Post office	County				
Austin, R. F. & Sons.	Cave-in-Rock.	Cave-in-Rock.	Hardin.	40	Hand.	Hand.	Hand
Benzon Fluorspar Co.	105 S. LaSalle St., Chicago.	Cave-in-Rock.	Hardin.	a	Machine.	Mule.	Steam
Hillside Fluorspar Mines.	Rosiclare.	Rosiclare.	Hardin.	450	Machine.	Hand.	Electric
Knight Fluorspar Mines.	Rosiclare.	Rosiclare.	Hardin.	140	Machine.	Hand.	Steam
Lee Development Co.	Elizabethtown.	Elizabethtown.	Hardin.	20	Hand.	Hand.	Steam
Mineral Point Zinc Co.	160 Front St., New York, N. Y.	Galena.	Jo Daviess.	160	Machine.	Mule	Electric
Palmer Bros.	Elizabethtown.	Elizabethtown.	Hardin.	27	Hand.	Hand.	Hand
Rosiclare Lead & Fluorspar Co.	306 Mills Bldg., Washington, D. C.	Rosiclare.	Hardin.	537.	Machine.	Electric.	Steam

a Not reported.

TABLE 2—PRODUCTION AND DISPOSITION OF OUTPUT, EXPLOSIVES USED, EMPLOYEES, DAYS WORKED.

Name of operator	Production—tons			Shipped to—			Pounds of dynamite used		Employees		Days worked	Number injured
	Fluor-spar	Lead	Zinc	Points in Illinois	Other states	Foreign countries			Under ground	On surface		
Austin, R. F. & Sons.	30						5		3		30	
Benzon Fluorspar Co.	8,760			1,380	5,024		12,450		21	3	316	17
Hillside Fluorspar Co.	15,260	297		3,326	12,272		68,850		41	44	256	11
Knight Fluorspar Mines.	1,000				1,000		5,000		4	8	200	
Lee Development Co.	600			600			a		4	6	a	
Mineral Point Zinc Co.		66	1,778		2,260		17,000		80	18	50	12
Palmer Bros.	47,790	9		9			2		2	2	90	
Rosiclare Lead & Fluorspar Co.		54		230	23,673	10	97,500		87	88	275	28
	73,440	426	1,778	5,545	44,229	10	200,805		242	169	b 149	68

a Not reported.

b Average.

REPORT OF STATE MINING BOARD

During the year, examinations were held which resulted in six passing the test for State Inspector of Mines, forty-nine for Mine Manager, first class, twenty-nine second class; seven first class and ten second class Steam Hoisting Engineers; twenty-seven first class and two second class Electric Hoisting Engineers, and forty-four Mine Examiners.

The name, residence, age, years experience and number of certificate of those passing the examinations follows:

STATE INSPECTORS OF MINES.

Name	Post office	County	Age	Years experience	Number of certificate
Cox, Walter E.	Springfield.....	Sangamon.....	45	32	112
Gallagher, M. J.	Hanna City.....	Peoria.....	55	40	109
Gillen, Patrick.....	Springfield.....	Sangamon.....	59	45	111
Millhouse, John G.	Litchfield.....	Montgomery.....	55	42	110
Randle, William.....	Belleville.....	St. Clair.....	42	28	113
Rosbottom, Frank.....	Duquoin.....	Perry.....	56	45	114

MINE MANAGERS—FIRST CLASS.

Name	Post office	County	Age	Years experience	Number of certificate
Anderson, Josh.	Norris City.	White.	56	35	1, 278
Asquith, Joseph.	Peoria.	Peoria.	52	42	1, 264
Baird, John T.	Colchester.	McDonough.	58	40	1, 296
Beggs, Kenneth B.	Dowell.	Jackson.	28	14	1, 286
Black, Lester W.	Georgetown.	Vermilion.	32	9	1, 309
Brayshaw, Cecil R.	Elkville.	Jackson.	27	7	1, 288
Brown, John.	Mt. Olive.	Macoupin.	30	14	1, 268
Busaytis, Joseph.	Gillespie.	Macoupin.	42	26	1, 269
Casey, Ivan.	Marion.	Williamson.	27	10	1, 306
Corley, William L.	West Frankfort.	Franklin.	39	25	1, 273
Crawford, Charles B.	Edinburg.	Christian.	29	15	1, 274
Crets, Richard S.	E. Peoria.	Tazewell.	24	7	1, 294
Dickson, Ed.	West Frankfort.	Franklin.	53	36	1, 281
Dixon, John G.	Riverton.	Sangamon.	45	31	1, 303
Eckhoff, George A.	Henry.	Marshall.	36	10	1, 271
Evers, John, Jr.	Canton.	Fulton.	39	26	1, 265
Fullop, Joseph.	Christopher.	Franklin.	33	15	1, 267
Gill, Fred K.	O'Fallon.	St. Clair.	46	34	1, 280
Gulley, Thurman.	Valier.	Franklin.	30	15	1, 310
Halfacre, Pearl.	Odin.	Marion.	36	20	1, 302
Hardy, John W.	Taylorville.	Christian.	28	8	1, 279
Harrison, John W.	Springfield.	Sangamon.	49	20	1, 263
Hartwell, Roy.	Marion.	Williamson.	44	20	1, 284
Hawes, Geoffrey.	Benton.	Franklin.	34	20	1, 292
Horne, Mike A.	Benld.	Macoupin.	26	13	1, 262
Johnson, Howard.	Harrisburg.	Saline.	27	11	1, 299
Kennedy, Hugh.	Duquoin.	Perry.	40	26	1, 287
Lewis, Riley.	Taylorville.	Christian.	48	37	1, 277
Love, A. W.	Harrisburg.	Saline.	38	25	1, 304
Orlovich, Joseph.	Taylorville.	Christian.	38	16	1, 270
Partain, Ben.	Harrisburg.	Saline.	35	16	1, 300
Pergren, C. Ray.	Glen Carbon.	Madison.	25	8	1, 307
Randle, William.	Belleville.	St. Clair.	42	28	1, 308
Rodenbush, Jake.	West Frankfort.	Franklin.	46	31	1, 285
Sandefur, Smith.	Johnston City.	Williamson.	37	23	1, 275
Sanks, Jules.	Springfield.	Sangamon.	33	17	1, 276
Sherfield, Jesse.	Harrisburg.	Saline.	30	14	1, 301
Storey, John.	Springfield.	Sangamon.	31	16	1, 305
Taylor, Buford.	Benton.	Franklin.	31	15	1, 289
Unthank, Alfred.	Springfield.	Sangamon.	34	19	1, 295
Vaughn, James E.	West Frankfort.	Franklin.	37	18	1, 282
Watson, William.	Benton.	Franklin.	34	20	1, 266
Watson, William.	Zeigler.	Franklin.	44	31	1, 290
Webster, George.	Springfield.	Sangamon.	55	43	1, 298
Whited, Henry.	Farmington.	Fulton.	27	10	1, 293
Wilkerson, Grover.	Centralla.	Marion.	41	28	1, 283
Wolfe, Everett W.	Catlin.	Vermilion.	46	31	1, 297
Wood, Thomas.	Cantrall.	Sangamon.	44	23	1, 291
Wright, William.	Kincaid.	Christian.	42	24	1, 272

MINE MANAGERS—SECOND CLASS.

Name	Post office	County	Age	Years experience	Number of certificate
Baird, John T.	Colchester.	McDonough.	58	40	644
Baxter, Ed.	Canton.	Fulton.	36	20	642
Buhe, Albert R.	Caseyville.	St. Clair.	39	25	636
Burch, Charles.	Marion.	Williamson.	54	40	638
Cruit, Luther W.	Shelbyville.	Shelby.	36	6	643
Davidson, Alfred.	Peoria.	Peoria.	37	23	640
Faley, P. J.	Mapleton.	Peoria.	26	5	650
Green, Delmo J.	Table Grove.	Fulton.	42	21	639
Guthertz, William P.	Millstadt.	St. Clair.	44	6	648
Holford, Louis.	Rapatee.	Knox.	43	24	641
Horton, John.	Canton.	Fulton.	25	6	627
Horton, Thomas.	Canton.	Fulton.	57	30	626
Jackaway, Lester F.	Springfield.	Sangamon.	34	21	630
Jansen, John A.	Lenzburg.	St. Clair.	26	8	651
Kelly, J. B.	Winchester.	Scott.	34	5	624
Kenny, William.	Sparland.	Marshall.	58	40	628
Lightbody, Clarence O.	Peoria.	Peoria.	34	11	635
Miller, Oscar.	Fairmount.	Vermilion.	50	32	646
Morse, J. F.	Rapatee.	Knox.	60	30	637
Ronketto, John.	Canton.	Fulton.	40	26	649
Scott, Howard.	Mapleton.	Peoria.	41	5	633
Sizemore, Will.	Carterville.	Williamson.	45	23	632
Sternner, Clarence.	Sherman.	Sangamon.	49	32	645
Strong, Alfred.	Lacon.	Marshall.	42	25	625
Thompson, Alonzo.	St. David.	Fulton.	40	20	629
Trasca, John.	St. David.	Fulton.	46	16	623
Truax, J. M.	Oakwood.	Vermilion.	48	36	647
Weedman, Will.	Victoria.	Knox.	38	15	631
Williams, Orval.	Cambria.	Williamson.	33	15	648

HOISTING ENGINEERS—FIRST CLASS—STEAM.

Name	Post office	County	Age	Years experience	Number of certificate
Ashley, George L.	Gillespie.	Macoupin.	26	10	626
Brown, James C.	Springfield.	Sangamon.	42	3	632
Cain, Philip D.	Raleigh.	Saline.	22	3½	629
Gordon, Thomas F.	Springfield.	Sangamon.	27	2	631
Murphy, Fred L.	Eldorado.	Saline.	30	5	627
Shertz, Ira.	Pittsburg.	Williamson.	33	3½	628
Smothers, Thos. B.	Royalton.	Franklin.	28	3	630

HOISTING ENGINEERS—SECOND CLASS—STEAM.

Name	Post office	County	Age	Years experience	Number of certificate
Casler, L. B.	Lewistown	Fulton	54	1	124
Jansen, August	Lenzburg	St. Clair	47	1	119
Jansen, Joseph A.	Lenzburg	St. Clair	26	1	123
Jocum, Henry	Canton	Fulton	53	30	120
Kalb, John	Athens	Menard	27	2	122
Perkins, E. B.	Hanna City	Peoria	48	1	118
Reynolds, Jesse	Belmont	Wabash	36	2	125
Roach, H. W.	Galesburg	Knox	38	1	116
Walz, Edward	Worden	Madison	22	6	117
Wolf, Ben F.	Fairmount	Vermilion	45	12	121

HOISTING ENGINEERS—ELECTRIC—FIRST CLASS.

Name	Post office	County	Age	Years experience	Number of certificate
Abell, Edmund A.	Springfield	Sangamon	43	6	336
Boucheff, Joseph P.	Spring Valley	Bureau	36	3	335
Capet, Hector	Coal City	Grundy	38	3	329
Conley, Howard N.	Duquoin	Perry	35	6	340
Dillon, W. H.	Auburn	Sangamon	46	5	344
Dooner, Joseph J.	Springfield	Sangamon	25	6	348
Dooner, P. J.	Springfield	Sangamon	56	8	334
Eddy, Evermont	Springfield	Sangamon	57	2	326
Empson, Tom	Carriers Mills	Saline	40	12	346
Ervin, Ward	Coulterville	Randolph	32	9	349
Falcetti, Oscar	Springfield	Sangamon	33	16	347
Gibson, Ernest	Hillsboro	Montgomery	40	16	332
Goddard, Wm. H.	Johnston City	Williamson	54	26	337
Harbeson, J. C.	Eldorado	Saline	45	15	333
Martin, Jesse L.	West Frankfort	Franklin	52	22	330
Murphy, Ted L.	Eldorado	Saline	32	2	331
Nesmith, Jerry	Coulterville	Randolph	40	7	351
Royster, Richard	Peoria	Peoria	66	40	328
Salger, Louis	Willisville	Perry	40	1	341
Sample, J. A.	Auburn	Sangamon	45	5	343
Seets, Lawrence	Johnston City	Williamson	43	14	350
Spenny, Ora	Hanna City	Peoria	41	9	345
Taylor, J. W.	Springfield	Sangamon	28	9	338
Taylor, R. W.	Catlin	Vermilion	21	1	337
Turner, Benjamin A.	Norris	Fulton	38	4	325
Underhill, Frank	Duquoin	Perry	40	11	342
Woolsey, Herbert	Duquoin	Perry	32	7	339

HOISTING ENGINEERS—ELECTRIC—SECOND CLASS.

Name	Post office	County	Age	Years experience	Number of certificate
Reynolds, John R.	Colchester	McDonough	35	2	115
Ronketto, John	Canton	Fulton	40		114

MINE EXAMINERS.

Name	Post office	County	Age	Years experience	Number of certificate
Armstrong, Manuel.....	Taylorville.....	Christian.....	42	26	1,615
Beggs, Joe S.....	Dowell.....	Jackson.....	24	8	1,636
Burnett, James L.....	Eldorado.....	Saline.....	26	4	1,642
Commean, Wm. E.....	Duquoin.....	Perry.....	23	7	1,651
Connell, Robert.....	Middle Grove.....	Fulton.....	26	8	1,623
Cook, Lee.....	Duquoin.....	Perry.....	23	7	1,650
Craig, Homer R.....	Elkville.....	Jackson.....	21	5	1,656
Deavers, Bryan P.....	Hanna City.....	Peoria.....	26	7	1,614
Dunmyer, J. Lester.....	Duquoin.....	Perry.....	24	8	1,652
Eubanks, Herman T.....	Rend.....	Franklin.....	45	10	1,628
Halkyard, William.....	Dowell.....	Jackson.....	41	24	1,640
Hargett, Charles.....	Duquoin.....	Perry.....	33	15	1,638
Hobbs, John W.....	Panama.....	Montgomery.....	28	13	1,621
Hollada, Glynn.....	Christopher.....	Franklin.....	23	5	1,635
Isaacs, John.....	Duquoin.....	Perry.....	21	4	1,625
James, Walter.....	West Frankfort.....	Franklin.....	34	20	1,634
Johnson, C. W.....	Dowell.....	Jackson.....	33	20	1,641
Knapp, George.....	Panama.....	Montgomery.....	42	22	1,622
Lang, John.....	Springfield.....	Sangamon.....	34	19	1,624
Lewis, Newton.....	Valier.....	Franklin.....	34	16	1,647
McKenna, Thomas.....	Danville.....	Vermilion.....	32	19	1,633
McKillop, James.....	Christopher.....	Franklin.....	35	20	1,648
Malzahu, F. Alfred.....	Duquoin.....	Perry.....	21	5	1,653
Mangiafoite, Joe.....	Duquoin.....	Perry.....	21	5	1,637
Martin, James.....	Duquoin.....	Perry.....	24	8	1,654
Mathews, William.....	Orient.....	Franklin.....	37	24	1,655
Mick, Robert R.....	Zeigler.....	Franklin.....	30	12	1,639
Mikel, Andrew.....	Westville.....	Vermilion.....	22	5	1,630
Nice, Robert.....	Christopher.....	Franklin.....	33	6	1,631
Otterson, A. J.....	West Frankfort.....	Franklin.....	39	20	1,616
Payne, John F.....	Coulterville.....	Randolph.....	34	10	1,626
Reynolds, George.....	Equality.....	Gallatin.....	32	14	1,617
Rodenbush, Wm. J.....	West Frankfort.....	Franklin.....	26	10	1,627
Rodenbush, Louis C.....	West Frankfort.....	Franklin.....	33	6	1,629
Ritter, Karl.....	Duquoin.....	Perry.....	54	29	1,632
Rockemann, Waldo.....	Freeburg.....	St. Clair.....	29	9	1,644
Roddy, Thurman.....	Valier.....	Franklin.....	38	20	1,646
Saurs, Fred.....	Peoria.....	Peoria.....	24	8	1,613
Schneider, Fred.....	Peoria.....	Peoria.....	31	16	1,619
Snodgrass, Wm. J.....	Hanna City.....	Peoria.....	21	5	1,618
Trucano, John J.....	Willisville.....	Perry.....	41	27	1,649
Vicary, George, Jr.....	Peoria.....	Peoria.....	38	24	1,620
Wade, Cline.....	West Frankfort.....	Franklin.....	24	8	1,643
Windsor, Ward.....	Georgetown.....	Vermilion.....	36	18	1,645

